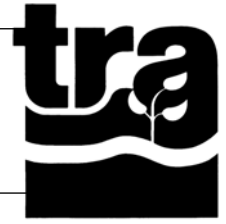

Trinity River Authority of Texas



General Office

DATE: October 1, 2009

FILE: 0803.105

TO: THE BOARD OF DIRECTORS OF THE TRINITY RIVER AUTHORITY OF TEXAS

RE: Annual Budget for Fiscal Year 2010
Letter of Transmittal

A. BACKGROUND.

Article IV, Section 3 of the Authority's Bylaws provides:

"The General Manager shall be particularly concerned with the following: . . .

- (d) The preparation of a recommended annual budget to govern all operations of the Authority for each oncoming fiscal year, the submission of same to the Board of Directors prior to the October Board Meeting of each year, . . ."

TRA's oncoming fiscal year begins on December 1, 2009 and terminates on November 30, 2010.

B. PURPOSES OF THE ANNUAL OPERATING BUDGET.

The Annual Operating Budget serves two basic purposes:

1. It is a planning device, which sets forth in terms of dollars the work which TRA plans to accomplish during the Fiscal Year. The Goals for Fiscal Year 2010 as stated in Part E represent the work program for Fiscal Year 2010. As recommended to the Board, it constitutes the General Manager's best judgment as to what activities TRA shall carry out during the oncoming Fiscal Year.
2. During the applicable Fiscal Year it serves as a fiscal control device to accomplish established goals.

In summation, the Annual Operating Budget is the fiscal vehicle through which TRA accomplishes the planning and execution of its operational and administrative programs. It should be noted, however, that funds expended on construction activities are budgeted in separate construction budgets, each separate project having its own construction budget.

C. THE AUTHORITY'S PURPOSE.

TRA is a political subdivision of the State of Texas created by the Texas Legislature under the authority of Article XVI, Section 59 of the Texas Constitution by various acts codified as TEX. REV. CIV. STAT. ANN. art. 8280-188. The Legislature has specified fifteen areas of soil and water resources conservation and development in which TRA is authorized to operate.

- * MUNICIPAL WATER SUPPLY
- * IRRIGATION
- * COMMERCIAL AND INDUSTRIAL WATER SUPPLY
- * WASTEWATER SYSTEMS
- * HYDROELECTRICITY
- * WATER STORAGE AND CONSERVATION
- * WATER QUALITY MANAGEMENT
- * RECREATION
- * FISH AND WILDLIFE PRESERVATION
- * CONSTRUCTION OF RESERVOIRS, DAMS, WATER SUPPLY LINES, AND WATER PURIFICATION AND PUMPING FACILITIES
- * FLOOD CONTROL
- * NAVIGATION
- * SOIL CONSERVATION
- * SOLID WASTE MANAGEMENT
- * MASTER PLANNING FOR THE TRINITY BASIN

Also, the Legislature has authorized river authorities to serve as financing vehicles for other entities, both governmental and private, with regard to pollution control facilities.

Simply stated, TRA's purpose is the implementation and/or financing of projects - -

- - which are within TRA's sphere of operations as determined by the Legislature;
- - which are economically justifiable;
- - which are technically feasible; and
- - which will benefit all or part of TRA's service area (or territory).

D. THE AUTHORITY'S LONG-RANGE OBJECTIVES.

1. Under the Master Plan. The master plan specifies ten basin goals:

- * Promote human and economic well-being.
- * Foster an understanding of the complex interrelationships among the people, resources, economy and environment of the basin.
- * Improve the quality of water within the Trinity River Basin in order to provide supplies of good quality water for all beneficial purposes.
- * Reduce flooding and flood damage.
- * Conserve soil resources through the programs of the soil and water conservation districts of the Trinity River Basin.
- * Conserve water.
- * Provide facilities, and access thereto, for public water oriented recreation.
- * Promote the productivity and diversity of aquatic life in the Trinity River Basin and Trinity Bay.
- * If feasible, extend the national inland waterway system within the Trinity River Basin.
- * Preserve selected natural areas.

These are basin wide goals regardless of the implementing agency.

2. Future Review Procedure. The master plan may be reviewed and revised by the Board at any time. Annually, the Board will receive and review a report on the status of implementation of the plan and consider any revisions that might be indicated at that time.

E. GOALS FOR FISCAL YEAR 2010.

The following goals, consistent with TRA's long-range objectives, are reflected in the recommended Annual Operating Budget for Fiscal Year 2010:

1. MUNICIPAL, IRRIGATION, COMMERCIAL AND INDUSTRIAL WATER SUPPLY.

a. Continue delivering raw water from these lakes to meet the needs of the contracting and customer parties.

- (1) From Navarro Mills (which has an annual dependable yield of 19,400 acre-feet), provide up to the amounts of water below, as now established by contracts and sell any other available water to parties of the area desiring to purchase raw water. Negotiate an extension to the Contract which expired in 2009 with the United States Army Corps of Engineers (Corps) for continued use of the lake's conservation pool.

| <u>Customer</u> | <u>Contract Amount</u> <u>(in Acre-Feet)</u> |
|---|---|
| City of Corsicana | 17,460.0 |
| City of Dawson | 368.0 * |
| Texas Industries | 450.0 * |
| Post Oak Water Supply Corp. (serving the cities of Coolidge and Hubbard) | <u>353.0</u> * |
| TOTAL | 18,631.0 |

* NOTE: Provided from TRA's 1,940 acre-feet.

- (2) From Bardwell (which has an annual dependable yield of 9,600 acre-feet), provide up to the following contractually established water sales:

| <u>Customer</u> | <u>Contract Amount</u> <u>(in Acre-Feet)</u> |
|--|---|
| City of Ennis | 5,280.0 |
| Ellis Co. Water Control and Improvement District No. 1 (serving the City of Waxahachie) | <u>4,320.0</u> |
| TOTAL | 9,600.0 A.F. |

Monitor the City of Waxahachie's and the City of Ennis' reuse programs as those programs affect Lake Bardwell water rights and withdrawals.

- (3) From Joe Pool (which has an annual dependable yield of 17,000 acre-feet), provide up to the following contract amounts of water sales as needed by contracting parties:

| <u>Customer</u> | <u>Contract Amount (in Acre-Feet)</u> |
|---------------------------|---|
| City of Cedar Hill | 7,346.0 |
| City of Duncanville | 1,197.0 |
| City of Grand Prairie | 1,795.0 |
| Midlothian Water District | <u>6,662.0</u> |
| TOTAL | 17,000.0 A.F. |

- (4) As to water sold from Navarro Mills, Bardwell and Joe Pool Reservoirs (which are owned and operated by the federal government with TRA paying for water supply costs and a portion of the operations and maintenance costs incurred by the federal government at each):
- (a) Closely monitor the federal government's programs and costs, obtain documentation of all costs, and keep the contracting parties aware of their obligations for payment of federal programs, particularly any abnormal costs passed through to the Authority and our customer cities by the federal government for stimulus-funded programs.
 - (b) Continue to monitor and minimize the federal government's efforts to shift operational responsibilities from federal sources to local sponsors.
 - (c) Cooperate with and assist area cities and agencies relating to Bardwell and/or Joe Pool Lake in the long-range Ellis County Master Plan and in the sale or assignment of water rights to other parties.
 - (d) Continue to monitor the quality of the raw water in Joe Pool Lake to identify any potential risk and to protect the water quality of the reservoir, and become more proactive in assessing watershed quality risks of non-point source pollution.
- (5) From Livingston and Wallisville (from which TRA has the right to divert annually 351,600 acre-feet and 51,600 acre-feet, respectively) provide up to the following contract amounts of water sales as needed by contracting parties:

| <u>Customer</u> | <u>Amount (in Acre-Feet)</u> |
|--|------------------------------|
| Texas Utilities Generating Company | 20,000.0 |
| Westwood Shores M.U.D. | 100.0 |
| Royale Country Club Inc. – Cape Royale Golf Course | 35.0 |
| Waterwood National Resort | 100.0 |
| Waterwood M.U.D. #1 | 224.0 |
| City of Huntsville (Municipal) | 22,402.8 |
| City of Huntsville (Industrial) | 6,720.9 |
| City of Livingston | 5,601.1 |
| City of Trinity | 1,304.7 |
| City of Groveton | 445.8 |
| Trinity Rural Water Supply Corp. | 466.3 |
| Glendale Water Supply Corp. | 56.0 |
| Riverside Water Supply Corp. | 30.8 |
| Westwood Shores M.U.D. | 496.8 |
| Miscellaneous (Small Water Sales) | 585.0 (estimate) |
| Fountain Lake Townhouse Association | 10.0 |
| Camp Management | 10.0 |
| Jay E. Mincks | 10.0 |
| Memorial Point Townhouse Association | 10.0 |
| Trinity Plantation – Lakeside Estates Golf Club | 10.0 |
| Camp Olympia – Whispering Pines Golf Club | 250.0 |
| San Jacinto Water Supply Corp. | 280.0 |
| Miscellaneous (Temporary Water Sales) | 30.0 (estimate) |
| Westwood Shores POA | 10.0 |
| Trinity Rural Water Supply Corp. | 540.0 |
| Waterfront Development Cedar Point | <u>10.0</u> |
| TOTAL (FY 2010 Commitments) | 59,739.2 A.F.* |

*Total long-term water commitments are approximately 87,239.2 A.F., including Devers Canal fixed rights of 27,500 A.F.

- b. Concerning the sale of water (or additional water) from Livingston and Wallisville, continue discussions with:
- (1) City of Houston
 - (2) Others

c. As to Lake Livingston:

- (1) Provide a dependable water supply of suitable quality for all beneficial purposes by operating and maintaining the facilities of Lake Livingston (the dam, the gated spillway, the selective withdrawal outlet tower, the 83,000 surface-acre lake, the headquarters facilities including maintenance facilities and a laboratory, and administration of pollution control, shoreline monitoring programs and the stream flow gauging program) to impound approximately 1,750,000 acre-feet of Trinity River water.
- (2) As to these special goals:
 - (a) Continue to evaluate and enhance security measures at the Project including the utilization of contract security monitoring through Polk County law enforcement personnel. Modify equipment and procedures to provide maximum asset protection as warranted through research of new methods and measures related to homeland security.
 - (b) Maintain the respect and confidence of local residents by strong, but equitable enforcement of TRA Ordinance 0-20AAAA and 0-9AAA, as well as TRA Resolution No. R-1048-1 governing on-site wastewater disposal.
 - (c) Promote the basin-wide goals of TRA by educating the general public as to the functions of this Project through various PowerPoint presentations and other material at schools, churches and civic organizations.
 - (d) On a contract basis, continue to offer the services of qualified operators to operate water and wastewater treatment plants and to perform lab services and reporting services required by state and federal agencies.
 - (e) Emphasize the importance of and promote the installation of regional and subregional wastewater treatment systems as the most acceptable means of wastewater disposal in the water quality area around Lake Livingston.
 - (f) Provide for the administration of the Project's Emergency Action Plan.
 - (g) Utilize computerized maintenance program for the electrical controls, spillway gates, outlet works and other Project equipment. Utilize and maintain dual power feed system and standby generators.

- (h) Utilize the automated rain gauge/lake level network around Lake Livingston, along with meteorological data acquisition equipment, to optimize operational and flood warning activities and enhance data storage and retrieval capabilities related to daily reservoir operations.
- (i) Seek funding for certain aspects of the Lake Livingston Water Quality Program effort under the Clean Rivers Program.
- (j) Provide for continued engineering evaluation of the project works, equipment and facilities.
- (k) Provide a liaison with the public in the basin area concerning flood events through the Land and Emergency Management Coordinator Position and from information available on the Authority's web page.
- (l) Utilize current information technology to closely monitor upstream flow conditions and forecasts provided by the River Forecast branch of the National Weather Service.
- (m) Continue the study of aerobic on-site wastewater systems and assess their performance and impact around the reservoir.
- (n) Evaluate all fee schedules and make adjustments, if necessary.
- (o) Continue ongoing evaluation of positions at the Project for overall efficiency and productivity and make adjustments as needed during normal attrition.
- (p) Monitor repairs and complete rehabilitation of outlet works facility including new gates, stems, actuators and restored concrete surfaces in tower and monoliths.
- (q) Continue control efforts to manage noxious aquatic vegetation on the reservoir.
- (r) Monitor tailwater control weir for performance and potential downstream erosion.
- (s) Closely monitor performance of restored upstream embankment rip rap under excessive lake conditions.
- (t) Provide for continued support of the Lake Livingston hydropower project and provide input as required to coordinate the operational requirements of the dam and reservoir.

d. As to the Tarrant County Water Supply Project:

- (1) Operate and maintain the Project (a raw water diversion and pump station facility at Lake Arlington, two transmission lines 8.7 miles long from Lake Arlington to the plant with diameters of 30 and 54 inches, an 87 MGD water treatment plant with ozone disinfection, a transfer pump station and four ground storage reservoirs, three booster pump stations, a laboratory, 15.1 miles of distribution water lines between the plant and the customers, and an interconnection with the Fort Worth Water System for emergency water exchange or supplemental supply) to provide an adequate supply of safe, high-quality potable water for the needs of:

| <u>Customer</u> | <u>Estimated Annual Usage Amount of Demand (In Million Gallons Per Day)</u> |
|------------------------------|---|
| City of Bedford | 8.750 |
| City of Colleyville | 8.000 |
| City of Euless | 7.000 |
| City of Grapevine | 7.919 |
| City of North Richland Hills | <u>4.500</u> |
| TOTAL | 36.169 |

- (2) Purchase all needed raw water (estimated to be approximately 40,000 acre-feet) from Tarrant Regional Water District (TRWD), delivered by the District from its water supply reservoirs into Lake Arlington.
- (3) As to these special goals:
 - (a) Continue to monitor the metering and SCADA system and provide current information to cities as needed.
 - (b) Continue to monitor state and federal regulations, especially the major regulations of Disinfectant/Disinfection By-products Rule, and the Enhanced Surface Water Treatment Rule, to determine impact on system costs and operations and oppose the implementation of regulations that produce more cost than benefits.
 - (c) Continue to closely monitor raw water quality and characteristics, adjusting operational procedures when needed, and optimize use of methods, including implementation of annual raw water pipeline cleaning and use of ozone to eliminate the seasonal taste and odor conditions of delivered water.

- (d) Continue to implement and update, as necessary, the Risk Management Plan to ensure that the plant is operated in a safe manner and to prevent or reduce potential chemical release impacts.
- (e) Continue to update security vulnerability assessment findings and emergency preparedness plan to reduce the vulnerability of water system facilities and staff to natural disasters and terrorist attacks, and to enhance their security and ability to respond to emergency situations.
- (f) Complete construction of improvements identified in the updated master plan and pilot studies for the entire Project providing for increasing customer demands, additional facility requirements and new regulations imposed by the Safe Drinking Water Act Amendments.
- (g) Evaluate how alternate water supplies of the contracting parties are to remain a continuing source of supplemental water supply, given upcoming water quality restrictions on groundwater use, and potential emergency drought condition needs.
- (h) Continue to evaluate the extent to which system coordination of peak well usage, coupled with use of adjacent water supplies and water conservation as a management tool, is effective in producing cost savings to the system by delaying plant expansion.
- (i) Continue to evaluate and implement programs for responding to periodic taste and odor complaints arising from water quality characteristics of terminal storage of system raw water at Lake Arlington and seasonal elevated manganese occurrences.
- (j) Develop water quality information to assist customer city compliance with the Consumer Confidence Report as required in the Safe Drinking Water Act of 1997.
- (k) Continue to update, as necessary, the computerized maintenance management system, which connects network users to maintenance management and purchasing functions.
- (l) Continue operation and maintenance cross-training programs for the treatment plant and distribution system's employees.
- (m) Complete construction activities for Project improvements to assure 87 MGD treatment capabilities and reliability.

- (4) Continue to provide operation and maintenance services to the Summit Regional Water Storage Project consisting of an 8 MG ground storage tank and metering facilities under an agreement with the cities of Duncanville and Cedar Hill on a centralized service basis. Continue to provide operation and maintenance services to the Lakeview Regional Water Supply System consisting of an intake structure at Joe Pool Lake and a wet well constructed in 1986 under agreement with the cities of Cedar Hill, Duncanville and Grand Prairie.
 - (5) Continue to provide operation and maintenance services to the Lakeview Regional Water Supply System consisting of an intake structure at Joe Pool Lake and a wet well constructed in 1986 under agreement with the cities of Cedar Hill, Duncanville and Grand Prairie.
- e. As to the Freestone Power Generation, LP Project (Calpine Energy, managing partner):
- (1) Monitor the delivery of raw water from Richland Chambers Reservoir to the power company site.
 - (2) Administer the raw water contracts between TRA and the other involved parties.
 - (3) Monitor the bankruptcy filing by Calpine Energy.
- f. As to the Midlothian Raw Water Supply Project:
- (1) Monitor the delivery of raw water from the TRWD pipeline to the City of Midlothian.
 - (2) Administer the raw water contracts between TRA, Midlothian and TRWD. Cooperate with TRWD to prepare contract amendment modifying language pertaining to take or pay provisions.
- g. As to the Ennis Raw Water Supply Project:
- (1) Monitor the delivery of raw water from the TRWD pipeline to the City of Ennis.
 - (2) Administer the raw water contracts between TRA, Ennis and TRWD. Cooperate with TRWD to prepare contract amendment modifying language pertaining to take or pay provisions.

h. As to the Ellis County Raw Water Supply Project:

- (1) Monitor the needs of the Ellis County contracting parties, and implement the delivery of raw water, when requested.
- (2) Administer the raw water contracts between TRA, TRWD and multiple parties.

i. As to the Huntsville Regional Water Supply System:

- (1) Operate and maintain the System (8 MGD municipal/6 MGD industrial surface water treatment plant, 24 MGD raw water intake facility, 4.4 miles of 30-inch raw water transmission line, and laboratory) in order to provide an average of 10.5 MGD treated water to the City of Huntsville, the Texas Department of Criminal Justice (TDCJ) Estelle and Ellis Prison Units, and the Tenaska power plant.
- (2) Continue investigations into treatment method alternatives involving disinfection, filtration and clarification methods that comply with all aspects of the Safe Drinking Water Act Amendments.
- (3) Continue to build a computer-oriented database for water quality information. Utilize database to evaluate the continuing requirements to be imposed under the Safe Drinking Water Act Amendments.
- (4) Continue to investigate alternate methods of sludge disposal in an effort to reduce the annual cost of operation and develop a long-term sludge management plan while monitoring removal of sludge from expanded storage facilities.
- (5) Discuss with other entities the purchase of treated water from the System to provide for expanded regional service.
- (6) Continue the use of granular activated carbon installed in the filter units for organic removal and taste and odor control.
- (7) Continue to implement and update, as necessary, the Risk Management Plan to ensure the plant is operated in a safe manner and to prevent or minimize potential chemical release impacts.
- (8) Continue to review and update, as necessary, the security Vulnerability Assessment and the Emergency Response Plan to reduce the vulnerability of the water system to threats from outside sources and to enhance response capabilities to emergency situations.
- (9)

j. As to the Livingston Regional Water Supply System:

- (1) Operate and maintain the System (3 MGD surface water treatment plant, raw water intake facility, one mile of 12-inch raw water line, five miles of 12-inch and 0.5 miles of 10-inch treated water line, and 150,000 gallon elevated storage tank) in order to provide 1.9 MGD treated water to the City of Livingston, TDCJ Polunsky Prison Unit and the Polk County IAH Detention Facility.
- (2) Continue process of investigation into treatment method alternatives that comply with all aspects of the Safe Drinking Water Act Amendments in an effort to optimize treatment plant performance.
- (3) Continue efforts to build a computer oriented, water quality database. Utilize database to continue evaluation of possible requirements to be imposed under the Safe Drinking Water Act Amendments and to provide data for future plant expansions.
- (4) Discuss with other entities the possibility of purchasing treated water from the System to provide for expanded regional service.
- (5) Continue to implement and update, as necessary, the Risk Management Plan to ensure that the plant is operated in a safe manner and to prevent or reduce potential chemical release impacts.
- (6) Continue to review and update, as necessary, the security Vulnerability Assessment and the Emergency Response Plan to reduce the vulnerability of the water system to threats from outside sources and to enhance response capabilities to emergency situations.
- (7) Complete construction of approximately 19,000 linear feet of 20-inch diameter treated water line to the City of Livingston.

k. As to the Trinity County Regional Water Supply System:

- (1) Operate and maintain the System (2 MGD water treatment plant, 18 well intake system and 42 miles of treated water distribution lines) in order to provide up to 1.0 MGD treated water to the City of Trinity, City of Groveton, Westwood Shores MUD, Trinity Rural WSC, Glendale WSC and Riverside WSC.

- (2) Discuss with other entities the possibility of purchasing treated water from the System.
- (3) Utilize state-of-the-art SCADA system to log delivery and operational data for plant.
- (4) Continue to implement and update, as necessary, the Risk Management Plan to ensure that the plant is operated in a safe manner and to prevent or reduce potential chemical release impacts.
- (5) Continue to review and update, as necessary, the security Vulnerability Assessment and the Emergency Response Plan to reduce the vulnerability of the water system to threats from outside sources and to enhance response capabilities to emergency situations.
- (6) Study and implement additional options to supplement water supply during prolonged periods of drought or low lake levels.

I. As to the Southern Region Support Services:

- (1) Provide administrative and technical support services for the 8 MGD municipal/6 MGD industrial water treatment system, which serves the City of Huntsville; the 3 MGD water treatment system which serves the City of Livingston; and the 2 MGD water treatment system which serves Trinity County.
- (2) Provide planning assistance and technical review of documents and plans related to expansion of existing facilities and the development of new projects.
- (3) Review and update Risk Management Plans, Water Conservation and Drought Contingency Plans, Consumer Confidence Reports, Vulnerability Assessments, and Emergency Response Plans for the Huntsville, Livingston and Trinity County Regional Water Supply Systems, as required.
- (4) Coordinate the security programs at each Authority project, and develop and implement improvements to the effectiveness and efficiency of these programs.
- (5)

2. WASTEWATER SYSTEMS.

a. As to the Central Regional Wastewater System:

- (1) Operate and maintain the System (162 MGD treatment plant, over 210 miles of interceptors, five lift stations, 135 metering stations, a laboratory, a

biosolids monofil now dormant, a biosolids land application program, and an urban water reuse project) to provide wastewater transportation and treatment services to these customers:

| <u>Customer</u> | <u>Estimated Amount of Contribution (In Million Gallons Per Day)</u> |
|------------------------------|--|
| City of Addison | 1.800 |
| City of Arlington | 39.771 |
| City of Bedford | 4.700 |
| City of Carrollton | 12.500 |
| City of Cedar Hill | 0.650 |
| City of Colleyville | 2.350 |
| City of Coppell | 3.500 |
| D/FW Airport | 2.450 |
| City of Dallas | 6.000 |
| City of Duncanville | 0.130 |
| City of Euless | 4.300 |
| City of Farmers Branch | 5.000 |
| City of Fort Worth | 3.450 |
| City of Grand Prairie | 15.000 |
| City of Grapevine | 2.200 |
| City of Hurst | 0.285 |
| City of Irving | 25.000 |
| City of Keller | 2.950 |
| City of Mansfield | 6.063 |
| City of North Richland Hills | 0.950 |
| City of Southlake | <u>2.370</u> |
| TOTAL | 141.419 |

(2) As to

these special goals:

- (a) Continue operating at efficient levels and minimize unit costs while meeting all Texas Pollutant Discharge Elimination System (TPDES) permit and regulatory requirements.
- (b) Continue operating the Central System Water Reclamation Project, delivering raw water to Dallas County Utility and Reclamation District, and assist the District in expanding their sales to other markets.
- (c) Continue to serve additional parties in the Dallas-Fort Worth area, or in

areas where otherwise feasible, to purchase and utilize effluent as a means of conserving water supplies and as a means of generating revenue, by which the cost of wholesale wastewater service is reduced for the parties of the System.

- (d) Assist with the implementation of improvements identified in the 2004 Five-Year Plan, the 2007 Five-Year Plan Update, and the 2009 Five-Year Plan Update.
- (e) Continue the implementation of Phase IV Inflow/Infiltration (I/I) Management Plan and the 2007 Sanitary Sewer Overflow Action Plan by coordinating the System's efforts with those of the System's contracting parties to reduce overall wet-weather flow impacts to the System by installing new pipelines for added capacity, rehabilitating existing facilities and repairing the System facilities as they relate to sanitary sewer overflow reduction. Notify customer parties of any unusual peak flows received by the System that would be indicative of (I/I) inflow within the customer's collection system, urging them to locate and correct their problem.
- (f) Cooperate with other TRA projects, various contracting parties of the System and others, to provide laboratory testing, pretreatment program and flow metering capabilities and services on a revenue-supported basis.
- (g) Continue to update, as necessary, the integrated management information system that connects users of the network to maintenance management, purchasing, warehouse, and accounting information systems.
- (h) Continue design efforts and implement enhancements to achieve a reliable treatment process control system.
- (i) Continue the following activities:
 - 1) Preventive maintenance measures to maintain all facilities in the best possible operating condition, expanding computer capability in this area.
 - 2) On-the-job and formalized training and instruction to develop qualified, competent personnel.
 - 3) Improvement and expansion of the award-winning safety program.
 - 4) Maintain the collection system flow monitoring telemetry system and contracting party flow reporting program.

- (j) Monitor Federal Pretreatment Program requirements and respond to any resultant needs of public or private entities through the provision of revenue-supported services, when feasible.
- (k) Produce Class A Biosolids at the lowest possible cost and continue land application of System biosolids under the current five-year agreement with an additional five-year extension. Promote the biosolids management program for ensuring future markets and to enhance positive public perception.
- (l) Continue to implement and update, as necessary, the Risk Management Plan to ensure that the plant is operated in a safe manner and to prevent or reduce potential chemical release impacts, including the performance of mock drills.
- (m) Continue to update security vulnerability assessment findings and emergency preparedness plan to reduce the vulnerability of water system facilities and staff to natural disasters and terrorist attacks, and to enhance their security and ability to respond to emergency situations.
- (n) Update the CRWS interceptor inventory and affected contracting parties and adjust contracting parties' flows in accordance with the CRWS Interceptor I/I Proration method approved by System parties.
- (o) Operate and maintain odor control improvements consistent with the Odor Control Management Plan. Evaluate the effectiveness of Stage VII odor control improvements in the headworks and primary treatment areas as constructed according to the FY 2004 Bond issue to identify the next stage of improvements under the Stage VIII Odor and Corrosion Management Master Plan Update.
- (p) Construct Phase II strategies identified in the process automation evaluation study, which identifies all cost control opportunities.
- (q) Implement Corrosion Master Plan alternatives to reduce the hydrogen sulfide corrosion to plant facilities and interceptor pipelines.
- (r) Improve the pipeline surveillance and easement inspection program through a combination of methods, identified in a long-term plan, to provide protection of interceptor integrity, easement encroachment protection, and documentation and mapping benefits.

b. As to the Ten Mile Creek Regional Wastewater System:

- (1) Operate and maintain the System (24 MGD treatment plant, three biosolids disposal cells, 52 miles of outfall lines, one lift station, eight metering stations and a laboratory) to provide wastewater transportation and treatment services to these customers:

| <u>Customer</u> | <u>Estimated Amount of Contribution (In Million Gallons Per Day)</u> |
|---------------------|--|
| City of Cedar Hill | 3.800 |
| City of DeSoto | 3.900 |
| City of Duncanville | 4.000 |
| City of Ferris | 0.260 |
| City of Lancaster | <u>5.000</u> |
| TOTAL | 16.960 |

- (2) As to these special goals:
- (a) Continue to evaluate the intermittent cause of sub-lethal biotoxicity through a three-year sub-lethal toxicity abatement study (STAS) in the plant effluent and reduce the introduction of diazinon and other toxic pollutants in the collection system through ongoing industrial pretreatment and public education program efforts.
 - (b) Complete capital improvements for the solids handling and treatment throughout the plant, funded through Series 2006 System Revenue Bonds.
 - (c) Continue to assist contracting parties in controlling industrial waste discharges to their collection systems. This effort is required to reduce the amount of toxics and other undesirable wastes discharged into the collection system and treatment plant.
 - (d) Continue to assist contracting parties in the identification and elimination of sources of I/I into their collection systems, demonstrating cost savings for reduced wet weather flows.
 - (e) Continue biosolids management with EPA and TCEQ requirements for permanent disposal of plant sludge. Continue dewatering activities of the sludge lagoons.

- (f) Continue to be proactive in the safety program by providing extensive training for all personnel. Continue safety inspections providing timely response to all noted deficiencies.
 - (g) Continue a preventive maintenance program to insure best operating condition of plant facilities through tracking of preventive maintenance and repairs.
 - (h) Continue to update, as necessary, the computerized maintenance management system, which connects network users to maintenance and purchasing functions.
 - (i) Evaluate improvements of plant electrical power usage, instrumentation and automated systems for efficient and cost-effective plant operation.
 - (j) Continue to address all aspects of wastewater collection that relate to sanitary sewer overflows through I/I management and reduction program.
 - (k) Provide exemplary operation of the plant assuring a high degree of permit compliance.
 - (l) Continue surveillance activities of the interceptor system to assure adequate capacity and structural integrity.
 - (m) Continue to implement and update, as necessary, the Risk Management Plan to ensure that the plant is operated in a safe manner and to prevent or reduce potential chemical release impacts.
 - (n) Continue to update security vulnerability assessment findings and emergency preparedness plan to reduce the vulnerability of wastewater system facilities and staff to natural disasters and terrorist attacks, and to enhance their security and ability to respond to emergency situations.
 - (o) Operate the South Creek Ranch ReUse Project, as well as continue to seek parties to which the sale of effluent has market or conservation value, and develop reuse projects as the opportunities arise.
- c. As to the Walker-Calloway Branches Outfall Line Project to transport wastewater introduced into TRA's interceptor by the cities of Hurst and North Richland Hills and discharge of that influent into Fort Worth's Village Creek Wastewater System:
- (1) Continue to operate and maintain approximately four miles of outfall pipelines and three meter stations as outlined in the contract.

- (2) Administer the contracts providing for treatment of the wastewater by the City of Fort Worth including the equitable allocation of costs to the cities on the basis of flow and wastewater strength.

d. As to the Denton Creek Regional Wastewater System:

- (1) Operate and maintain the System (6 MGD treatment plant, 28 miles of interceptors, fourteen meter stations, two lift stations, and a laboratory) to provide wastewater transportation and treatment services to these customers:

| <u>Customer</u> | <u>Estimated Amount of Contribution (In Million Gallons Per Day)</u> |
|-----------------------|--|
| Circle T MUD No. 1* | 0.001 |
| Circle T MUD No. 3* | 0.030 |
| City of Fort Worth* | 2.600 |
| City of Haslet | 0.145 |
| City of Keller | 0.140 |
| City of Roanoke | 0.995 |
| City of Southlake | 0.890 |
| Town of Argyle | 0.000 |
| Town of Flower Mound* | 0.030 |
| Town of Northlake | 0.096 |
| Town of Westlake | 0.200 |
| TOTAL | 5.127 |

*Equal to or less than the contractually established minimum flow.

- (2) As to these special goals:
 - (a) Continue to be proactive in training employees on the treatment facility processes and productivity initiatives.
 - (b) Continue collection system monitoring program for identifying high strength influent waste and assist the contracting parties in meeting TPDES permit and federal pretreatment requirements.
 - (c) Provide assistance to contracting parties in establishing new points of entry.

- (d) Encourage the contracting parties to adopt programs to reduce infiltration/inflow.
- (e) Continue operating at efficient levels with the 6 MGD wastewater treatment facilities and minimize unit costs while meeting all TPDES permit and regulatory requirements.
- (f) Provide assistance in evaluating and recommending direction to the contracting parties, and implementing improvements to facilitate new service areas.
- (g) Continue performing a variance study to collect and identify changes to the dissolved oxygen level in the Denton Creek arm of Lake Grapevine.
- (h) Continue preventive measures to maintain all facilities for the best possible operating condition, and expanding computer work order programs in this area.
- (i) Continue to update, as necessary, the computerized maintenance management system which connects network users to maintenance and purchasing functions.
- (j) Continue to evaluate improvements of plant electrical power usage for efficient and cost-effective plant operation in order to meet all of the Senate Bill 5 requirements for all Northern Region Projects.
- (k) Evaluate feasibility of adding additional contracting parties to the System in order to lower unit cost and/or establish equitable terms under which parties can be added.
- (l) Continue to update security vulnerability assessment findings and emergency preparedness plan to reduce the vulnerability of wastewater system facilities and staff to natural disasters and terrorist attacks, and to enhance their security and ability to respond to emergency situations.
- (m) Continue to seek buyers of effluent as a means of reducing system costs and promoting water conservation.
- (n) Complete construction activities of the 11.5 MGD expansion to the treatment plant facilities.
- (o) Initiate construction of the pump station for the alternative effluent discharge site at White's Branch, and continue to assess all other alternatives.

e. As to the Red Oak Creek Regional Wastewater System:

- (1) Operate and maintain the system (3.5 MGD wastewater treatment plant going to 6.0 MGD by later 2010, 28 miles of interceptors, 14 meter stations, two lift stations, and a laboratory) providing wastewater transportation and treatment services to these cities:

| <u>Customer</u> | <u>Estimated Amount of Contribution (In Million Gallons Per Day)</u> |
|-----------------------|--|
| City of Cedar Hill | 1.100 |
| City of DeSoto | 0.230 |
| City of Glenn Heights | 0.950 |
| City of Lancaster* | 0.050 |
| City of Ovilla | 0.021 |
| City of Red Oak | <u>0.750</u> |
| TOTAL | 3.101 |

*Equal to or less than the contractually established minimum flow.

- (2) As to these special goals:
- (a) Meet or exceed effluent quality requirements of the TPDES permit.
 - (b) Assist the customer cities in meeting the requirements of the federal pretreatment program.
 - (c) Continue to analyze and implement process changes for efficient and cost-effective odor control in plant operation.
 - (d) Address all aspects of wastewater collection that relate to sanitary sewer overflows through I/I management and reduction program.
 - (e) Continue to provide employee cross-training between operations, maintenance, instrumentation and laboratory to maintain optimum levels of efficiency.
 - (f) Operate the mechanical sludge dewatering treatment process and complete the construction of the plant expansion to 6 MGD.
 - (g) Evaluate and identify process areas and equipment that could be monitored to reduce chemical usage and maximize personnel use by utilizing remote instrumentation application.

- (h) Continue to implement and update, as necessary, the Risk Management Plan to ensure that the plant is being operated safely and to prevent or reduce potential chemical release impacts.
 - (i) Continue efforts to enhance the process control equipment and software to monitor and control process areas and equipment.
 - (j) Continue to update security vulnerability assessment findings and emergency preparedness plan to reduce the vulnerability of wastewater system facilities and staff to natural disasters and terrorist attacks, and to enhance their security and ability to respond to emergency situations.
 - (k) Continue to update, as necessary, the computerized maintenance management system, which connects network users to maintenance and purchasing functions.
 - (l) Perform in-house maintenance and rehabilitation measures on the final clarifiers and lift station structures.
 - (m) Continue to seek buyers for the plant's effluent as a means of reducing the cost of service and promoting water conservation.
- f. As to the Mountain Creek Regional Wastewater System:
- (1) Operate and maintain the System (3.9 MGD treatment plant, 21 miles of interceptor pipelines, 4 lift stations, 4 metering stations and a laboratory) to provide wastewater treatment transportation and treatment services to these customers:

| <u>Customer</u> | <u>Estimated Amount of Contribution (In Million Gallons Per Day)</u> |
|------------------------|--|
| City of Grand Prairie* | 0.060 |
| City of Midlothian | 1.500 |
| City of Venus** | <u>0.350</u> |
| TOTAL | 1.910 |

*Equal to or less than the contractually established minimum flow.
 **Subordinate Contracting Party in 2009

- (2) As to these special goals:
 - (a) Meet or exceed effluent quality requirements of the TPDES permit.
 - (b) Establish the broad level operation and maintenance strategies for this System in subsequent years.
 - (c) Determine the effects of the Capacity, Management, Operation and Maintenance (CMOM) Regulation in this System, and meet the requirements on time.
 - (d) Design capital improvement identified in the Master Plan Assessment and incorporate into the System operational strategy any identified programs.
 - (e) Continue to analyze the interests of adjacent cities in joining the Regional System.
 - (f) Continue to seek buyers for the plant's effluent as a means of reducing the cost of service and promoting water conservation.

- g. As to the Northeast Lakeview Wastewater Transportation Project:

Incorporate these facilities into the routine operation and maintenance activities of the Central Regional Wastewater System, and maintain close liaison with the cities of Grand Prairie and Cedar Hill, administering the contract, and provide assistance to them in closing out the construction budget.

- h. As to the existing wastewater treatment plants in the Lake Livingston area:
 - (1) Continue to supervise the plant operations at Aztec Cove, White Rock Estates, Lake Oaks Landing, Freedom Shores Marina, Kalita Point, Indian Hill Harbor, Texas Landing, Fountain Lake, Holiday Harbor, Lakeside Village, and Westwood Shores.
 - (2) Continue to perform laboratory analyses on a fee basis for the City of Livingston, Lake Livingston State Park, YMCA, Trinity Pines, City of Goodrich, Timberwood, the Alabama-Coushatta Indian Reservation, Beacon Bay, Cape Royale, Wolf Creek Park, Huntsville Regional Water Supply System, Outback Marina & Campground, Harbor Point, Tempe W.S.C. and Livingston Regional Water Supply System.

3. WATER STORAGE AND CONSERVATION (IN CORPS OF ENGINEERS' RESERVOIRS)

a. As to the Navarro Mills Reservoir:

- (1) Maintain close liaison with the City of Corsicana, administer the contracts, and provide assistance when requested.
- (2) Monitor the Corps' lake operations for downstream water rights releases.
- (3) Continue discussions with the city for the possible assignment of uncommitted water rights in Lake Navarro Mills.

b. As to the Bardwell Reservoir:

- (1) Maintain close liaison with the cities of Ennis and Waxahachie, administering the contracts, and provide assistance to them when requested.
- (2) Monitor the Corps' lake operation for downstream releases.
- (3) Continue to assess the need for Bardwell's possible use by Ellis County Regional Water Supply parties.

c. Joe Pool Lake Enterprise Fund

Coordinate, when requested by the Joe Pool Lake customers, the transfer and/or sale of water storage contract rights to other potential parties.

d. As to the Wallisville Saltwater Barrier Project:

- (1) Maintain close liaison with the other local sponsors (the City of Houston and the Chambers-Liberty Counties Navigation District).
- (2) In concert with the other local sponsors:
 - (a) Maintain liaison with Corps.
 - 1) Provide data on downstream diversions and releases from Lake Livingston.
 - 2) Review project operating procedures as needed.
 - 3) Monitor Corps operations particularly under low flow conditions.

4) Continue the project's cost-sharing repayment provision as described in the 1967 Corps Local Sponsors contract and the 1964 TRA-City of Houston contract.

(b) Participate in tours and orientation briefings of the Project as needed.

(c) Participate with the City of Houston in any TCEQ hearings or proceedings, which may impact water rights associated with the Project.

4. WATER QUALITY MANAGEMENT

a. Through the Planning and Environmental Management Division:

(1) Provide water quality management services internally and externally.

(2) Perform routine water quality sampling and other field tasks including watershed inventories, habitat characterizations, and special studies as needed.

(3) Participate in and provide staff support for the Upper Trinity Basin Water Quality Compact, which includes the cities of Dallas and Fort Worth, The North Texas Municipal Water District, and TRA.

(4) Provide assistance to state agencies in fulfilling the tasks and goals required by Senate Bills 1, 2, and 3.

(5) Provide support evaluations of the Instream Flow Program and Galveston Bay with respect to freshwater inflow. Provide liaison and direction for this effort sponsored by TRA, TRWD, City of Houston, City of Dallas, and the North Texas Municipal Water District.

(6) Provide technical support with efforts to study and understand the issues associated with emerging contaminants.

(7) Conduct Upper Trinity Basin Water Quality Compact efforts to develop cost-effective strategies for improvement of water quality in the upper Trinity River, working with regulatory agencies and other responsible entities.

(8) Expand efforts to explain the factors affecting Trinity Basin water quality and water resources to interested groups and the general public.

(9) Prepare annual water quality reports, maintain water quality databases, and respond to public requests for data.

- (10) Implement the requirements of the Texas Clean Rivers Act in the Trinity River Basin. Work with the steering committee, the TCEQ, and other agencies.
 - (11) Provide training and staff support as needed to Clean Rivers Program participating agencies.
 - (12) Participate in the Galveston Bay Estuary Program as a member of the Galveston Bay Council and the Galveston Bay Estuary Program functional committees.
 - (13) Work with the Lake Livingston Project and the Central Regional Wastewater System Project laboratories and technical staffs on the implementation of water quality monitoring, special studies related to the Clean Rivers Program, and National Environmental Laboratory Accreditation Conference implementation.
 - (14) Participate with the Texas Commission on Environmental Quality, the Texas Association of Metropolitan Sewerage Agencies, Environmental Protection Agency, the Texas Water Conservation Association and others in activities to develop stream standards, total maximum daily loads, wasteload allocations, and other regulations affecting water quality in the Trinity Basin.
- b. As to water quality management at Lake Livingston:
- (1) Continue routine surveillance of all on-site systems within the water quality area and, upon discovery of potential pollution sources, begin corrective measures in each case immediately.
 - (2) Continue the routine water quality monitoring program in order to provide data to document to the City of Houston and other water customers the quality of water in Lake Livingston. Provide laboratory testing for area water plants in order to document the suitability of Lake Livingston as a raw water supply for municipal water treatment plants and continue to provide laboratory analyses for approximately 120 other water systems in the area.
 - (3) With regard to the noxious aquatic plant infestation at Lake Livingston, continue to provide measures of control under the provisions of the Texas Parks and Wildlife Department Noxious Aquatic Vegetation Plan on an as-needed basis in developed shoreline areas and in boat lanes to enhance recreation on Lake Livingston.
 - (4) Continue to provide sampling and lab testing services related to on-going Clean Rivers Program studies.

- (5) Continue to provide laboratory QA/QC measures and controls to maintain NELAC certification.

5. RECREATION

a. As to Livingston Recreation Facilities:

(1) As to the highly-developed facilities:

(a) Wolf Creek Park

- 1) Provide operation and maintenance for this 110-acre full-service park in San Jacinto County accommodating overnight visitors on a nine-month basis.
- 2) Utilize computerized reservation system at Wolf Creek Park along with data base management to gather statistical information for operational decision making.
- 3) Continue to study economical feasibility for new development at Wolf Creek Park including construction of cabins and additional recreational vehicle facilities while upgrading existing facilities and sites.
- 4) Evaluate fee schedules and provide for adjustments as necessary.
- 5) Continue to upgrade safety features on park playground equipment to meet industry standards.

(b) Tigerville Park - provide operation and maintenance for this 14-acre day-use park in Polk County accommodating day-use visitors on a non-fee basis.

(2) As to public non-fee launching ramps, operate four over a four-county area at the following parksites: Point Blank, Patrick's Ferry, P.H. Cauthan, Jr., and Blanchard.

(3) As to leases and/or contracts providing for commercial operations on lands owned or controlled by TRA:

(a) Administer all existing contracts including marina leases, land leases and parksite concession leases.

- (b) Administer all land use permits for activities such as grazing and hay crop production.
- (c) Negotiate new agreements whenever possible under the guidelines established by the Interim Land Use Plan.
- (d) Continue inspection and permit program for private shoreline facilities.
- (4) Provide for expansion and maintenance of the channel marking project on Lake Livingston and evaluate and remove abandoned shoreline structures as needed to improve navigational safety for the public.
- (5) As to zoning regulations for the lake's surface:
 - (a) Establish and maintain speed control zones near public or subdivision boat ramps when authorized by the TRA Board.
 - (b) Obtain enforcement by governmental agencies other than TRA.
- (6) As to these special goals:
 - (a) Promote recreational leasing of additional TRA park property through development by the private sector or other local entities.
 - (b) Continue to examine possibilities for disposal of TRA parksite tracts with little or no recreational development potential by means available, such as land exchanges for consolidation of developable land tracts.
 - (c) Continue program for boundary location, fencing and forest management of property at parksites and public boat ramps and provide maintenance of existing cleared right-of-ways at fenced properties.
 - (d) Continue to maintain a uniform program for signs at all Authority owned parksites.

6. CONSTRUCTION OF NON-FEDERAL RESERVOIRS AND RELATED FACILITIES

Continue to monitor water needs of various utility electrical generating agencies and cooperate in mutual development of water supply sources, where feasible.

7. FLOOD CONTROL

- a. For Fiscal Year 2010, continue to support the Comprehensive Floodplain Study of the Upper Trinity River Basin by the Corps and the North Central Texas Council of

Governments Common Vision Project by serving as an advisory member of the Trinity River Steering Committee.

- b. Monitor the City of Dallas Trinity River Corridor Project and construction of the Dallas Floodway Improvement projects.
- c. Monitor the implementation of the Trinity River Uptown Project in Fort Worth.
- d. Maintain liaison with TCEQ and other reservoir owners regarding future statewide floodplain programs.

8. NAVIGATION

The Corps has determined that navigation is feasible at present only from Trinity Bay to Liberty, Texas. TRA will continue to support, when requested, local interests' efforts to obtain adequate Federal funding for the Corps of Engineers to maintain the existing navigation channel.

9. MASTER PLANNING

Submit to the Board, in Fiscal Year 2010, a report on the status of implementation of the plan, including any recommended revisions that might be indicated at that time.

10. GENERAL ADMINISTRATION

- a. Administer TRA activities in accordance with the Board's Bylaws and the Description of the Management Organization.
- b. As to these special goals:
 - (1) General Manager:
 - (a) Continue to serve on the Water Resource Regional Planning Groups for Region C (upper Trinity Basin including 14 counties) and Region H (lower Trinity Basin including 13 counties).
 - (b) Serve as the Chairman of the Trinity-San Jacinto Basins Bay/Basin Stakeholders Group appointed by the state-wide Environmental Flows Advisory Committee and charged by the Legislature with recommending environmental flows needed for instream flows and Galveston Bay. The Stakeholders Group must submit its recommendation for an environmental flow regime for Galveston Bay by June 1, 2010.

- (c) Monitor legislation enacted by the 81st Legislature for its impact on water resource management and the operation and governance of Trinity River Authority.
- (d) Continue to define TRA's role in the regional planning process for water management issues. Coordinate this effort with other regional water agencies.
- (e) Provide guidance and communications for the East Texas Electric Cooperative feasibility investigation and permitting process for a hydroelectric facility at Lake Livingston as provided in the Memorandum of Understanding. Finalize the permit amendment at TCEQ to modify TRA's water rights to allow hydropower as a purpose. Continue to monitor the Federal Energy Regulatory Commission permitting process to insure that TRA's ownership and operation of Lake Livingston is not compromised by provisions of a proposed federal hydropower permit.
- (f) Respond to and testify before Interim Legislative Committees, particularly regarding legislation that addresses environmental flows as prescribed by S.B. 3 passed during the 80th Legislature.
- (g) Function as a facilitator among the major water rights holders in the Trinity River Basin on issues related to reuse and environmental flows.
- (h) Continue to communicate with Houston as to impacts on Lake Livingston water rights.
- (i) Continue to serve on the Board of Directors of the Texas Water Conservation Association (TWCA); serve on the Association's Water Resource and Development Committee to review and recommend support for legislation to the membership; and serve on the TWCA Reuse Committee to develop a statewide policy on reuse for advocacy to the Legislature and state leadership.
- (j) Continue to serve on the Executive Committee of the Texas Section of the national organization, WaterReuse Association, an advocacy group for the reuse of treated effluent.
- (k) Provide leadership and management for the Fresh Water Inflow Study being conducted jointly by the City of Houston, Tarrant Regional Water District, North Texas Municipal Water District, City of Dallas and TRA, and use results to refine the Authority's policy position with regard to freshwater inflows for the bays and estuary. Brief state leaders on the study and its implications to freshwater inflows to Galveston Bay.

- (l) Continue negotiations with the San Jacinto River Authority, and other interested parties regarding the sale of water from TRA's portion of Lake Livingston and Wallisville Projects.
 - (m) Participate in Legislative task force efforts to identify water conservation and freshwater inflow recommendations.
 - (n) Improve liaison with state legislators from TRA's territory. Work closely with TRA legislative representatives to educate legislators on the functions and programs of TRA.
 - (o) Continue to evaluate the Management Organization to ensure that the goals and objectives of TRA can be achieved. Maintain involvement in developmental activities in all areas of the basin.
 - (p) Continue to evaluate TRA service projects to enhance and achieve additional efficiencies and reduced cost of services. Implement strategies to remain competitive with other operators, public and private.
 - (q) Monitor TRA financial programs to assure efficiency and effectiveness. Participate in the effort to satisfy new Governmental Accounting Standards Board reporting requirements.
 - (r) Serve on the Board of Directors of the Texas Water Conservation Association and urge continued public awareness of water resource matters and the importance of well-balanced legislation and regulation governing the conservation and development of water resources.
 - (s) Monitor the implementation of TRA's management information systems as related to the network, hardware and software.
 - (t) Investigate the possibility of basin-wide water resource education efforts for implementation in public schools.
- (2) Northern Region:
- (a) Continue to update and formalize security vulnerability assessments for all projects in the Northern Region, assess needed additions or changes to facilities or operational strategies, and modify emergency response plans where needed.
 - (b) Continuously participate and monitor national, state, and local organizations security programs and information sharing procedures and maintain security as the highest priority in project operations' goals. Enhance and coordinate the security programs at each Authority

project, and develop and implement improvements to the effectiveness and efficiency of these programs. Meet all new regulation requirements as implemented.

- (c) Continue to refine and implement cost reduction strategies which do not place undue risk on water quality or the integrity and durability of assets, and continue to develop energy efficiency strategies in energy management, procurement and invoice auditing.
- (d) Manage the Northern Region's developmental and operational activities through the appropriate management officers to meet needs and to balance the growth opportunities with the resources available.
- (e) Continue the professional development and improve the skill level of present management and key staff members to more fully assume responsibility for resolving developmental, operational and maintenance problems.
- (f) Maintain effective communications between Northern Region management and the contracting parties' management, elected officials and staff.
- (g) Monitor and participate in activities of regulatory agencies pertaining to water quality issues in the upper Trinity River area.
- (h) Respond to requests from the private or public sector to develop services and to provide financing or other assistance when TRA resources are not fully occupied in meeting existing contractual obligations.
- (i) Continue to improve the quality control aspects of management in administering the professional services agreements.
- (j) Continue to refine the program for hydraulic modeling for addressing a programmed approach for wastewater system pipeline surveillance, capacity and condition assessment, maintenance, and rehabilitation. Provide training for use of this model.
- (k) Establish a program for testing the effectiveness of utilizing multi-skilled employees in the Northern Region operating projects and develop an incentive program for assistance in achieving the goals.
- (l) Administer the electrical power supply contract in which the selected Retail Electric Provider furnishes power to all eligible Authority power centers.

- (m) Continue to seek means by which all Authority wastewater treatment plants can deliver high quality effluent to parties with a need for reclaimed water supply, to maximize conservation and generate revenue.
- (n) Cooperate with the participant cities in completing the Southeast Wise County Wastewater feasibility study, and develop contracts for consideration of forming a regional wastewater system if requested by the cities to do so.
- (o) Participate and contribute to statewide and area-wide water resource management activities through management's participation in the following activities:
 - 1) Serve as Chairman of the Water Resource Council of the North Central Texas Council of Governments.
 - 2) Serve as a member of the Board of Directors of the Texas Water Conservation Association.
 - 3) Serve as an alternate on the Texas Water Development Board's Region C Water Planning Group.
 - 4) Serve as a member of the Board of Directors of the Texas Water Research Foundation.
 - 5) Serve as a member of the Board of Directors of the National Association of Clean Water Agencies.
 - 6) Serve as a member of the National Water Sector Coordinating Council on Homeland Security.
 - 7) Serve as a committee member of the Water Environment Association of Texas.
 - 8) Serve as a committee member of the Texas Section – American Water Works Association.
- (p) Direct Northern Region management and staff and consultants in completing developmental activities in the following activities:
 - 1) Central Regional Wastewater System

- a) Coordinate the design and construction activities of all improvements needed during the year in response to the System's Five-Year Plan and the projects funded by the Series 1998, 2001, 2004, 2005, 2007, 2008, and 2009 Revenue Bonds.
 - b) Continue to monitor and analyze federal and state legislation and its effect on System operations.
 - c) Continue to use hydraulic modeling of the System's 210 miles of pipeline to integrate recommended improvements, together with operational needs of the project to maintain an up-to-date evolving planning tool.
 - d) Increase coordinated efforts of the System's contracting parties to reduce unwanted flow, and use the System's I/I Management Plan to encourage the contracting parties to reduce I/I in their pipelines even more than in the past.
 - e) Continue to expand and improve the odor control facilities, and coordinate the measure of its success with affected contracting parties. Further, implement a corrosion management program to protect both pipeline and plant infrastructure from hydrogen sulfide effects.
 - f) Optimize pipeline surveillance and inspection activities and provide support for hydraulic modeling efforts with the Phase IV Infiltration/Inflow Assessment GIS applications.
 - g) Continue to pursue the sale of effluent as a reuse project to generate revenue to reduce the system parties' cost of service and maximize the reclamation of water.
- 2) Ten Mile Creek Regional Wastewater System
- a) Continue to utilize flow monitoring and the internal video inspection of the System's existing pipelines in order to coordinate inspection and repair of the existing interceptor system to minimize infiltration/inflow.
 - b) Analyze points-of-entry from the contracting parties to determine unusually high wet weather flows and strongly encourage customers to implement an infiltration/inflow corrective program within their respective collection systems.

- c) Enhance and continue to administer the Public Education Program to reduce the introduction of diazinon or other toxics into the collection system.
- d) Complete design and construction of system plant and interceptor improvements funded through System 2000, 2003, 2006 and 2007 Revenue Bonds.
- e) Continue to seek buyers of effluent in order to generate revenue to reduce the system parties' cost of service.
- f) Coordinate the design and construction activities of all improvements needed in response to the updated Master Plan for the entire System.
- g) Analyze the feasibility of adding additional contracting parties, if requested.

3) Red Oak Creek Regional Wastewater System

- a) Continue to optimize the operation of the treatment plant and maximize the project's capabilities and efficiency of operation.
- b) Analyze the feasibility of adding additional contracting parties, if requested.
- c) Optimize pipeline surveillance and inspection activities for protection of interceptor integrity and reduce potential flows due to infiltration/inflow.
- d) Complete construction activities of improvements identified in the updated 2007 Master Plan to meet future customer demands resulting from projected wastewater flows into the system.
- e) Continue to seek buyers of effluent in order to generate revenue to reduce the system parties' cost of service.

4) Denton Creek Regional Wastewater System

- a) Continue to fine-tune the operating process to optimize cost-effective operation.

- b) Continue to analyze the feasibility of adding additional contracting parties, if requested, with terms consistent with the Master Plan.
 - c) Complete construction activities of improvements identified in the updated 2007 Master Plan to meet future customer demands resulting from projected wastewater flows into the system.
 - d) Continue coordination of pipeline extensions to new service areas and to add new System contracting parties.
 - e) Pursue reuse as a high priority to generate revenues to be used to reduce the system parties' cost of service.
 - f) Complete design of the alternate discharge site facilities to Lake Grapevine for a new outfall location to meet state surface water standards.
 - g) Continue assessment of all alternatives to construction of the White's Branch alternative discharge point into Lake Grapevine.
- (5) Mountain Creek Regional Wastewater System
- a) Continue to fine-tune the operating process of the new treatment plant to optimize cost-effective operation.
 - b) Establish broad level operation and maintenance strategies for operating this System in subsequent years.
 - c) Determine the effects of the Capacity, Management, Operation and Maintenance (CMOM) Regulation in this System, and meet the requirements on time.
 - d) Implement the 2007 Master Plan needed improvements for the collection system and treatment facilities in order to meet the future demands of the projected wastewater flows in the System.
 - e) Continue to analyze interest of adjacent cities in joining the Regional System.
 - f) Pursue reuse as a high priority, to generate revenue for reducing system parties' cost of service.

6) Tarrant County Water Supply Project

- a) Direct Project personnel and consultants in optimizing taste and odor control methodologies and expand the program to individual cities' systems, if requested.
- b) Continue to analyze the cost and value of more-fully interconnected systems with adjacent agencies and cities.
- c) Continue to review and refine contracting parties' service requirements and assess the long-range impact of the use of groundwater as supplemental water supply sources.
- d) Optimize operation of the System so as to meet additional, more stringent treatment requirements.
- e) Optimize operation of the System's plant, including ozone treatment, in order to provide adequate water supply to the contracting parties.
- f) Continue to make the necessary modifications to the treatment process to insure continued compliance with the Safe Drinking Water Act (SDWA).
- g) Complete construction of system distribution and treatment improvements funded through various System outstanding bonds.

7) Freestone County Master Planning of Water Needs

- a) Continue to discuss the feasibility study for use of Richland Chambers Reservoir water with the City of Fairfield and surrounding communities and cities, as well as potential private entities.
- b) Implement the program, if requested, or assist some or all of the cities in the study to implement this plan or any other plan in which the cities request our assistance.

8) Ellis County Master Plan - Long-Range Water Supply

- a) Administer the raw water supply agreements with the participants and the TRWD.

- b) Assist cities in Ellis County in expanding the scope of their service to other areas of the county, utilizing TRA as the vehicle, if requested, and when consistent with any limitations of raw water supply sources.
- c) Continue to assist the participants regarding the needs and interests of Ellis County for a long-range water supply source.

9) Lakeview Regional Water Project

- a) Coordinate the maintenance of Phase I facilities by the Tarrant County Water Supply Project under operating overhead methods.
- b) Working through the Fort Worth District, US Army Corps of Engineers, address Joe Pool Marina's non-compliance with TCEQ rules concerning encroachment on the Lakeview intake structure.

10) Mid-Basin Services

Continue to offer assistance to agencies and cities south of the Dallas/Fort Worth metropolitan area.

11) Dallas/Fort Worth International Airport (DFWIA)

Continue to discuss the Authority's capabilities to assist in waste management.

12) Promote Reuse as a water supply.

13) Promote water conservation as a water resource management tool.

(3) Southern Region:

- (a) Coordinate and assist managers and supervisors in all phases of administration, operation, maintenance, and further development of the Lake Livingston Project including Livingston Recreation Facilities; and Southern Region Support Services, including the Huntsville, Livingston and Trinity County Regional Water Supply Systems.
- (b) Promote continued efforts for increased efficiency at the project and system level, particularly in the areas of power consumption, SCADA communications and treatment process techniques, to insure the

Authority's competitive edge in the furnishing of water, wastewater and other utility services to customer entities.

- (c) Increase communication and public relation efforts with TRA contracting parties and potential customers.
- (d) Provide information on project developmental issues including financing, construction and operational capabilities of the Authority.
- (e) Expand liaison with counties, cities, and water oriented special purpose districts, to include providing planning assistance for utility projects.
- (f) Continue discussions with the City of Houston, San Jacinto River Authority and with local entities concerning acquisition of additional supplies of water from Lake Livingston and other long-term water supply possibilities as outlined in the Region H water plan.
- (g) Provide general public information on the operation of the Authority's Southern Region utility projects.
- (h) Work jointly in a cooperative effort with the City of Houston on major operational and maintenance issues involving Livingston Dam.
- (i) Provide general public information and education related to the operation of the Lake Livingston Project as a water supply project and its relation to the Corps' Wallisville Salt Water Barrier Project.
- (j) Monitor activities associated with Regional Planning Groups and attend scheduled planning sessions for Region H for the implementation of S.B.1. Provide input, as needed, into hearings and meetings associated with the regional planning process and serve as an alternate on the Texas Water Development Board's Region H planning group.
- (k) Work in a cooperative effort with other state and federal agencies to improve basin-wide flood management and control efforts as well as public notification and emergency management procedures.
- (l) Provide information concerning rates and contractual provisions for the sale of raw water from Lake Livingston as requested.
- (m) Coordinate the security programs at each Authority project, and develop and implement improvements to the effectiveness and efficiency of these programs to meet goals to be established for homeland security as it relates to utility infrastructures. In addition, work closely with the

City of Houston in security matters involving the Lake Livingston Project as a water supply element of the overall city supply system.

- (n) Participate in professional development conferences of organizations such as the Texas Water Conservation Association, the American Water Works Association and the Association of State Dam Safety Officials.
 - (o) Continue participation in state-wide workshops and conferences related to State and Federal dam safety and security issues.
 - (p) Participate in discussions, meetings and workshops involving stakeholder interests related to fresh water inflows for Galveston Bay and coastal estuaries.
 - (q) Continue planning efforts in cooperation with the City of Houston and the East Texas Electric Cooperative (ETEC) in the evaluation of hydropower capabilities at Lake Livingston as outlined in the Memorandum of Understanding (MOU) for hydropower development under guidelines established by the Federal Energy Regulatory Commission (FERC).
 - (r) Provide for Authority representation on the Houston-Galveston Area Council (HGAC) Regional Flood Management Council.
 - (s) Monitor planning activities associated with the Trinity-San Jacinto Basins Bay/Basin Stakeholders Group appointed by the state-wide Environmental Flows Advisory Committee as related to environmental and in-stream flow recommendations.
- (4) Construction Services Staff:
- (a) Inspect the construction of various projects for the Central Regional Wastewater System:
 - 1) Phase III Solids Handling Improvements
 - 2) West Fork Relief Interceptor WF-11B
 - 3) Phase IV-B Pump Station Improvements
 - 4) Jefferson Avenue Rehabilitation Project
 - 5) Eddy Current Clutch Replacement
 - 6) Mountain Creek Relief Interceptor MC-5 and MC-6 Phase 1B
 - 7) Manhole Rehabilitation Improvements 07/08
 - 8) Manhole Rehabilitation Improvements 08/09
 - 9) Process Control System Upgrade - Phase 2
 - 10) Phase I Filter Improvements

- 11) Elm Fork Relief Interceptors EF-2 and EF-7
 - 12) Phase I Aeration Basin Improvements
 - 13) WF-R2 and WF-R3 Rehabilitation/WF-15 Relief Interceptor
 - 14) Pump Stations 13 and 13A Rehabilitation
 - 15) On-Site Storage System
 - 16) Mountain Creek Relief Interceptor MC-3
 - 17) Mountain Creek Relief Interceptor MC-5 and MC-6 Phase 2
 - 18) West Fork Relief Interceptor WF-12
 - 19) Elm Fork Relief Interceptor EF-3
 - 20) West Fork Relief Interceptor WF-6 and WF-14
 - 21) Lift Stations 5 and 5A Rehabilitation
 - 22) Meter Station Rehabilitation Improvements
 - 23) WF-R1 Boyd Branch Rehabilitation
 - 24) West Fork Relief Interceptor WF-10 and WF-13
 - 25) JT-R1 Rehabilitation
 - 26) East Mountain Creek Interceptor
 - 27) Coppell Interceptor and Elm Fork North Rehabilitation
 - 28) Elm Fork EF-R3 Rehabilitation
 - 29) Plant Rehabilitation/Replacement/Corrosion Remediation
 - 30) Mountain Creek Interceptor MC-7 and MC-8
- (b) Inspect the construction of various projects for the Denton Creek Regional Wastewater System:
- 1) Plant Expansion to 11.5 MGD
 - 2) White's Branch Alternate Discharge Pipeline
 - 3) Meter Station 12.0 CB (Fast Track)
 - 4) Cade Branch Relief Interceptor
 - 5) Henrietta Creek Relief Interceptor HC-1
- (c) Inspect the construction of various projects for the Denton Creek Wastewater Transportation System:
- 1) Graham Branch Segment A – Lift Station
 - 2) Graham Branch Segment B
 - 3) Graham Branch Segment A – Force Mains
 - 4) Graham Branch Segment C
 - 5) Graham Branch Segment D
- (d) Inspect the construction of the Huntsville Regional Water Supply System Treatment Plant Improvements.
- (e) Inspect the construction of the Lake Livingston Project Rehabilitation of Low Level Outlet.

- (f) Inspect the construction of the Livingston Regional Water Supply System Treated Water Pipeline.
- (g) Inspect the construction of the Northeast Lakeview Wastewater Transportation System Lift Station No. 7 Improvements.
- (h) Inspect the construction of various projects for the Red Oak Creek Regional Wastewater System:
 - 1) Plant Expansion to 6.0 MGD
 - 2) Bear Creek Lift Station Rehabilitation
- (i) Inspect the construction of various projects for the Tarrant County Water Supply Project:
 - 1) Transfer Service Main
 - 2) 87 MGD Reliability Project
 - 3) Booster Pump Station Improvements – Phase I
 - 4) Booster Pump Station Improvements – Phase 2
- (j) Inspect the construction of various projects for the Ten Mile Creek Regional Wastewater System:
 - 1) Solids Dewatering and Other Improvements
 - 2) Bentle Branch Relief Interceptor TM-3
 - 3) Wet Weather Storage/Digester/Grit Removal
 - 4) TM-1 Relief Interceptor and Lancaster Meter Station
 - 5) TM-2 Relief Interceptor
- (5) Legal Services Staff:
 - (a) Provide legal support and opinions to TRA Management and staff.
 - (b) Coordinate information, requests and opinions between TRA staff and TRA's contracted outside counsel.
 - (c) Monitor the status of all litigation in which TRA is involved.
 - (d) Manage and coordinate hearings and related matters before state and federal agencies, including but not limited to the Texas Workforce Commission, Texas Workers' Compensation Commission and Equal Employment Opportunity Commission.
 - (e) Insure that statutorily or administratively required reports and notices are properly prepared and submitted.

- (f) Insure TRA's compliance with the Texas Public Information Act.
 - (g) Coordinate and manage all matters pertaining to TRA's land rights, including the acquisition and ownership thereof and maintenance of geographic information system (GIS) database of land rights.
 - (h) Prepare the agenda, packet and all necessary and related matters, including the statutorily required filings, for all meetings of the Board, the Executive Committee and the Board's functional committees.
 - (i) Prepare and maintain minutes of all meetings of the Board of Directors, the Executive Committee and the Board's functional committees.
 - (j) Other duties as assigned by the General Manager.
- (6) Financial Services Staff:
- (a) Continue to develop plant and facilities information system using Lawson Project Activities and Asset Management modules.
 - (b) Continue quarterly reporting of investment activities.
 - (c) Continue to prepare procedures manual on finance related programs.
 - (d) Continue to develop analytical reporting system to aid in audit risk determination.
 - (e) Act as Secretary/Treasurer for Trinity River Industrial Development Authority Board of Directors.
- (7) General Services Staff:
- (a) As to Human Resources, Risk Management, Office Administration, Webpage and Software Support:
 - 1) Continue to develop systems to integrate manual administrative processes and paper-based forms for electronic entry, retrieval and storage.
 - 2) Continue to develop electronic forms in Liquid Office and provide technical assistance and training to project personnel on forms.
 - 3) Continue to maintain and update web page. Implement new web page designs and maintain and update changes.

- 4) Development and implement Employee Intranet site with integration to employee supported applications.
- 5) Provide support to all project locations in scanning of Operations and Maintenance Manual to ImageNow. Train project personnel on retrieval of records.
- 6) Provide assistance in scanning of construction files and engineering drawings for Northern Region and Construction Services Staff.
- 7) Support various IT software including Liquid Office, ImageNow, Lawson HR/BN/PA/SEA, LandWorks, Maximo, LIMS, GHS, Journyx, Microsoft Exchange and Project Servers.
- 8) Maintain compliance to Federal and state regulations and update law postings and/or personnel policies in Policy and Procedures Manual as required.
- 9) Continue work on automating Salary/Benefit Analysis for electronic formatting and transmittal.
- 10) Administer and maintain Human Resources, Personnel Administration and Benefits applications in Lawson system. Also provide technical and administrative assistance to projects on these applications.
- 11) Continue to provide training to projects on reporting and SEA functionalities to include annual benefits enrollment, time entry, manager self services and inquiry on personal information.
- 12) Provide HR support functions to all project locations to include new hire, terminations, promotions/demotions, and other personnel related matters.
- 13) Continue to integrate ImageNow to other host applications, and streamline document processing of those systems.
- 14) Upgrade Landworks Property Management (LPM) to version 4.53 and provide technical support of system to Land Rights staff and other user's department.
- 15) Continue to evaluate costs and benefits of various benefit plans to include fully-insured medical health plans, dental, life and disability

plans. Conduct annual open enrollment meetings.

- 16) Evaluate Enterprise Content Management (ECM) solution to integrate forms processing and business records into one secure system.
- 17) Update Safety Manual.
- 18) Update/organize the EPA Risk Management Plan, Vulnerability Assessments/Emergency Response Plan.
- 19) Organize document scanning of project documents and purge documents in ImageNow that have passed their retention period.
- 20) Continue to convert all existing data that is on microfilm cartridges to electronic format using microfilm conversion scanner.

(b) As to Information Technology:

- 1) Re-write Maximo/Lawson Interface as a result of Lawson upgrade.
- 2) Expand the use of Maximo Mobile Work Manager (Syclo).
- 3) Implement Service Requests in Maximo.
- 4) Develop workflows for Maximo Work Orders and Service Requests.
- 5) Develop ABC Analysis and Reorder Point reports to improve Maximo Inventory reorder efficiency.
- 6) Set up a Maximo version 7.0 test environment.
- 7) Train additional LIMS Administrator.
- 8) Test Disaster Recovery (DR) Solution for TRA's WAN every 6 months, and maintain documentation of findings.
- 9) Continue to support SCADA computers, network, and Firewall while administering the TRA SCADA Network and testing backup image of SCADA Nodes.
 - Install Fire Suppression System at server room to replace water sprinkler system.
 - Deploy and integrate Business Object software with Maximo to develop Maximo Reports.
 - Implement Lawson Absence Management to replace Lawson

Time Accrual.

- Continue to maintain computer inventory to keep track of existing equipment.
- Consolidate servers by virtualizing them using VM ware into SAN, and test High Availability (HA) using VM ware V motion.
- Coordinate with new building construction, relocation of computers, printer, copier equipments, and new infrastructure for computer network.
- Setup new server room in new building.

(c) As to Geographic Information System:

- 1) Evaluate CRWS In-Plant Geographic Information System (GIS) and integrate to George Butler Associate Master Series (GBAMS), GIS and Maximo.
- 2) Evaluate ImageNow for ESRI and integrate land parcel records and GBA documents to ImageNow for retrieval in GIS application.
- 3) Provide technical support and administration to all areas of TRA for software pertaining to GIS, GBAMS, LPM software, the Maximo interface and other integrated applications while continuing to implement the GIS integrations with other software applications to ensure the software will work more effectively and more efficient.
- 4) Continue supervising the data entry and building land parcel maps in GIS to ensure the properties are aligned with other GIS data layers.
- 5) Continue to collect the Global Positioning System (GPS) coordinates of system manholes and rectify to the current data and to the collected GPS coordinates for CRWS and begin doing the same for other projects.
- 6) Install a new GIS web server and create new GIS web development to assure the system is usable by all employees that have GIS needs while at the same time eliminating the need for additional licenses.

(8) Executive Services Staff:

(a) As to the Planning and Environmental Management Division:

- 1) Implement the Texas Clean Rivers Program through the 2008-2009 workplan.

- 2) Develop and begin a 2010-2011 workplan for the Texas Clean Rivers Program.
 - 3) Administer Upper Trinity Basin Water Quality Compact efforts to negotiate with regulatory agencies regarding stream standards and wasteload allocations.
 - 4) Review and update as necessary, TRA's Master Plan as part of the annual review.
 - 5) Provide technical assistance to the Trinity Basin Water Availability Study.
 - 6) Provide technical assistance to TRA projects.
 - 7) Provide technical assistance to TRA management regarding the State Water Plan.
 - 8) Provide technical assistance to TRA management regarding wastewater reuse and water rights issues.
 - 9) Provide assistance in implementation of Senate Bills 1, 2 and 3.
- (b) As to the Public Information Division:
- 1) Function as spokesperson for the Authority when media interest develops in an aspect of TRA's business activity.
 - 2) Support efforts of the regional offices to develop and expand water resource projects.
 - 3) Support the public participation/public education requirements of the Texas Clean Rivers Act.
 - 4) Provide public information related to the dissemination of the Emergency Action Plan for Lake Livingston.
 - 5) Provide briefings to interested civic and school groups.
 - 6) Provide briefings, when requested, to new TRA employees.
 - 1)

- (c) Maintain N1TR in a serviceable condition to meet all travel requirements.
 - (d) Participate as a member of the North Central Texas Council of Government's Flood Management Committee.
 - (e) Monitor and participate, as necessary, in the Texas Water Development Board's Regions C and H Planning Committee activities.
 - (f) Monitor and participate, as necessary, in any interim studies in preparation of the 82nd Legislative Session.
 - (g) Monitor federal legislation that affects the Authority.
 - (h) Continue to perform those duties assigned the Treasurer.
- (9) Internal Audit Staff:
- (a) Develop a flexible audit plan with attention to risks or control concerns identified by Management. Report to the General Manager and the Administration Committee on a regular basis.
 - (b) Independently examine and evaluate TRA's activities, particularly with regard to the adequacy and effectiveness of internal controls. Insure that resources are acquired economically, used efficiently, and adequately protected.
 - (c) Maintain effective communications with executive management and project management on the programs, plans, and objectives to achieve goals.
 - (d) Administer Anti-fraud and Risk Assessment Program and implement procedures to mitigate the identified risks. Assist in the investigation of suspected fraudulent activities and notify the General Manager and Administration Committee of the results.
 - (e) Provide assistance to the external auditors, as needed, during the annual financial audit.

F. ANTICIPATED AMENDMENTS TO THE ANNUAL BUDGET.

It is anticipated that several budget amendments could be submitted to the Board during Fiscal Year 2010 if changes materialize that involve contract negotiations and other factors beyond TRA control.

G. BUDGET FORMAT.

1. Because TRA operates on a fund accounting basis, the budget necessarily contains a section for each of these forty-one budgets.
2. The Proposed Budget for Fiscal Year 2010 does not contain any substantial changes from prior years.

The Fiscal Year 2010 Budget is arranged in four functional categories:

- a. Governmental Fund Types
- b. Internal Service Funds
- c. Operating Funds
- d. Non-Operating Funds

Because of the many budgets within the latter two categories, these have been arranged in sub-categories:

- a. Operating Funds
 - (1) Wastewater Treatment
 - (2) Water Treatment
 - (3) Water Storage
 - (4) Recreation
- b. Non-Operating Funds
 - (1) Limited Operating Projects
 - (2) TRA-Corps of Engineers Projects
 - (3) Water Projects
 - (4) Municipal Wastewater Projects
 - (5) Industrial Air/Water Pollution or Waste Disposal Projects

At the beginning of each category there is a brief, general description of the characteristics of the budgets contained therein. There are forty-one separate budgets. Each contains a Total Fund Summary, a Revenue Summary and an Expenditure Summary.

- a. Governmental Fund Types

Budgets contained within this group are specifically for the planning and control of revenues and expenditures for the following:

- (1) General Fund - General Government and Administration
- (2) General Fund - Fixed Asset and Emergency Fund
- (3) Water Sales Special Revenue
- (4) Debt Service

The General Fund-General Government and Administration Budget is primarily concerned with the activities and functions of the Board, the General Manager's office, the Northern and Southern Region offices, and the Executive, Legal, General and Financial Services Staffs. Revenues for this budget are governed by contract and Board adopted policy. Sixteen separate, non-operating projects generate revenue in a fixed amount as stated in the contracts or by TRA policy.

All Internal Service Funds, Operating Projects and the Water Sales Special Revenue Fund pay to the General Fund-General Government and Administration an amount of administrative overhead allocated on the basis of the Related Cost Method. This allocation is net of fixed revenues previously mentioned, surplus from prior year, professional fees, and miscellaneous income. Proposed budgeted expenditures of the General Fund-General Government and Administration Budget are developed from a zero base concept. Comparisons to current and prior years are made for material differences and changes in work programs.

The General Fund-Fixed Asset and Emergency Fund Budget is primarily for the addition of any fixed assets for the benefit of the Board, the General Manager's office, the Northern and Southern Region offices and the Executive, Legal, General and Financial Services Staffs. Revenues for this budget are governed solely by Board policy. The proposed budgeted expenditures of the General Fund-Fixed Asset and Emergency Fund Budget are developed by careful planning based on specific need and priority. Specific transfers must be designated by the Board.

The Water Sales Special Revenue Fund Budget is concerned primarily with the administration of water sales from Navarro Mills and Lake Livingston. The revenue from these water sales is determined by contract and Board established rates. The proposed budgeted expenditures of the Water Sales Special Revenue Fund Budget are developed from a zero base concept of anticipated costs related to Water Sales. The Water Sales Special Revenue Fund has pledged revenues for the payment of long-term debt of the General Improvement Revenue Bonds; however, any surplus can be used for any lawful purpose.

The Debt Service Fund is concerned with the payments of interest on, and the retirement of long-term debt of the General Improvement Revenue Bonds. Revenues for this fund consist of transfers from Construction Services Staff Internal Service Fund and Central Construction Fund based on General Office

Facilities usage, and transfers from the Water Sales Fund for payment of debt service.

b. Internal Service Funds

Budgets contained within this group are specifically for the planning and control of revenues and expenditures for the following:

(1) Information Technology Support Services Internal Services Fund

The Information Technology Support Services Internal Services Fund is primarily concerned with providing support services for the Authority's area-wide IT network. These services include installation and maintenance of the software and hardware of the Authority's IT network and providing the technical expertise on the operation of this system. Revenues for this budget are generated by Operating Overhead billed to the projects served.

(2) Construction Services Staff Internal Service Fund

The Construction Services Staff is primarily concerned with the activities and functions of construction projects. These functions include review of plans and specifications, bids, contract administration including construction inspection, and liaison with Land Rights and Region offices. Revenues for this budget are generated by professional fees billed to the appropriate construction budget for actual time of personnel. Proposed Budgeted Expenditures of the Construction Services Staff Budget are developed from a zero base concept. Expenditures are those known and conservatively estimated, based on construction-in-progress and planning.

(3) Southern Region Support Services Internal Service Fund

The Southern Region Support Services Staff is primarily concerned with administrative and operational activities of several projects in the Southern Region. The size of these projects does not justify a full support team, and the most economical manner to provide administrative and technical support to these projects is through the Southern Region Support Services.

Revenues for this budget are generated by Operating Overhead billed to the projects served.

Proposed budgeted expenditures of the Southern Region Support Services Budget are developed from a zero base concept. Unlike the Construction Services Staff which budgets for services rendered for construction-in-progress and planning, this Staff group develops its budget based on

estimated costs to provide support services to ongoing water treatment projects in the Southern Region.

(4) Staywell Health Insurance Internal Service Fund

The Authority has established a Staywell Health Insurance Internal Service Fund ("Staywell"). The purpose of Staywell is to provide a self-insurance program with respect to medical claims of the TRA's employees and their covered dependents. Self-insurance is provided up to annual and lifetime maximums per person and an aggregate annual maximum for total claims, above which all losses are insured by a private insurance carrier. Premiums are established at a level adequate to pay all reinsurance and administration expenses, and all estimated claims incurred by participants. These premiums are collected from those Funds which have employees participating in the Staywell Health Insurance Program.

(5) Risk Retention Insurance Internal Service Fund

The Authority has established a Risk Retention Insurance Internal Service Fund ("Risk Retention"). The purpose of the Fund was to provide risk retention programs for fire and casualty, general liability, directors' and officers' liability, and automobile liability and a self-insurance program for workers' compensation, all which had been covered by insurance policies written by insurance companies or provide retention levels above which an insurance company provides insurance coverage.

Risk Retention is intended to receive monies from participating projects (i.e. other Funds of the Authority), invest these monies, receive interest on investments and disburse money for insurance premiums and in satisfaction and payment of approved claims. The life of Risk Retention will be indefinite so long as it accomplishes the purposes for which it was intended. As of November 1, 1992, the Authority obtained insurance coverage from insurance carriers and no self-insurance premiums were charged to other Authority funds.

c. Operating Funds

Budgets contained within this group are specifically for the planning and control of revenues and expenditures related to a specific project. These projects can be categorized as follows:

- (1) Wastewater Treatment
- (2) Water Treatment
- (3) Water Storage
- (4) Recreation

There are eleven separate funds within these four categories. Six are located in the Northern Region and five are located in the Southern Region. The following is a breakdown by category:

(1) Wastewater Treatment

- (a) Central Regional Wastewater System
- (b) Ten Mile Creek Regional Wastewater System
- (c) Denton Creek Regional Wastewater Treatment System
- (d) Red Oak Creek Regional Wastewater System
- (e) Mountain Creek Regional Wastewater System

(2) Water Treatment

- (a) Tarrant County Water Supply Project
- (b) Huntsville Regional Water Supply System
- (c) Livingston Regional Water Supply System
- (d) Trinity County Regional Water Supply System

(3) Water Storage

Livingston-Wallisville Projects

(4) Recreation

Livingston Recreation Facilities

These projects provide a specific service. All of these projects receive revenue from one or more contracting parties with the exception of Livingston Recreation Facilities. Livingston Recreation Facilities receive revenues based on entrance fees, user charges, licenses and miscellaneous land use programs.

Proposed budgeted expenditures of each operating project are developed from a zero base concept. In most instances, the proposed budget is reviewed with the contracting parties or a customer advisory committee prior to implementation.

Funds on hand at the beginning of the year and at the end of the year are generally provided for in the contract or bond resolutions. These funds are restricted for operating reserves and debt payment.

d. Non-Operating Funds

Budgets contained within this group are primarily for the expenditures related to projects financed by TRA. These projects are for the following purposes:

- (1) Limited Operating Projects
- (2) TRA-Corps of Engineers Water Projects
- (3) Water Projects
- (4) Municipal Wastewater Projects
- (5) Industrial Air/Water Pollution or Waste Disposal Projects

There are twenty-one separate funds within these five categories. All except one are located in the Northern Region. The following is a breakdown by category:

- (1) Limited Operating Projects
 - (a) Walker-Calloway Branches
 - (b) Lakeview Regional Water Supply Project
 - (c) Summit Regional Water Storage Project
- (2) TRA-Corps of Engineers Water Projects
 - (a) Navarro Mills Reservoir
 - (b) Bardwell Reservoir
 - (c) Joe Pool Lake
- (3) Water Projects
 - (a) Ellis County Regional Water Supply Project
 - (b) Freestone Raw Water Supply Project
 - (c) Ennis Raw Water Supply Project
 - (d) Midlothian Water Supply Project
- (4) Municipal Wastewater Projects
 - (a) Huntsville Wastewater Treatment Facilities (Southern Region)
 - (b) Big Bear Creek Interceptor System
 - (c) Southlake Sewer System
 - (d) Lancaster Water and Sewer System
 - (e) Denton Creek Wastewater Interceptor System
 - (f) Denton Creek Wastewater Pressure Interceptor System
 - (g) Cade Branch Wastewater Interceptor System
 - (h) Denton Creek Wastewater Interceptor System - Fort Worth Project
 - (i) City of Fort Worth Sendera Ranch Project
 - (j) Northeast Lakeview Wastewater Transportation Project

(5) Industrial Air/Water Pollution or Waste Disposal Projects

Pollution Control Facilities Enterprise Fund

- (a) TXU Electric Co. Pollution Control Facilities
- (b) Community Waste Disposal Inc.

The Limited Operating Projects require minimal operating activities that are performed by personnel from Northern Region projects. The expense of operation is budgeted by the fund as inter-fund services and charges.

All of the non-operating fund types receive revenue from one or more contracting parties. All of these funds pay administrative overhead to the General Fund-General Government and Administration at an amount defined by contract or Authority policy.

Funds on hand at the beginning of the year and at the end of the year are provided for in the contract or bond resolution. These funds are generally restricted for debt payment.

H. CONCLUSIONS

1. It is anticipated that TRA will begin Fiscal Year 2010 with \$55,706,900 of operating funds on hand.
2. It is anticipated that TRA will obtain \$197,332,130 from revenues during Fiscal Year 2010, bringing the amount of funds available to \$253,039,030. A summary of the type of revenues for Fiscal Year 2010 is as follows:

| <u>Revenue</u> | <u>Amount</u> | <u>Percent</u> |
|---------------------------------|------------------|----------------|
| Contract Revenue | \$ 170,455,220 | 86.38 |
| Interest Income | 1,551,830 | 0.79 |
| Water Sales | 2,438,680 | 1.23 |
| Recreation User Fees | 328,000 | 0.17 |
| Licenses and Fees | 449,100 | 0.23 |
| Operating Overhead | 2,374,040 | 1.20 |
| Inter-Fund Services and Charges | 630,510 | 0.32 |
| Professional Fees | 6,414,670 | 3.25 |
| Administrative Overhead | 5,205,690 | 2.64 |
| Insurance Premiums | 3,804,710 | 1.93 |
| Transfers | 2,288,150 | 1.16 |
| Miscellaneous | <u>1,391,530</u> | <u>0.70</u> |
| TOTAL | \$ 197,332,130 | 100.00 |

3. It is anticipated that TRA will expend \$192,388,715 for Fiscal Year 2010 operations.
4. It is anticipated that TRA will close Fiscal Year 2010 with \$60,650,315 of operating funds on hand; exclusive of debt service reserves, construction funds and certain restricted cash accounts. A majority of these operating funds are accumulated debt service revenue which will be applied to debt service payments in the subsequent budget year.
5. Two different analyses have been made of the Appropriation Expenditures:
 - a. Using the five "Object of Expenditure" categories upon which the fiscal control system is based, a comparative analysis of the projected Fiscal Year 2010, with the two prior years, Fiscal Year 2009 Budget and Actual Fiscal Year 2008 is:

| | <u>FISCAL YEAR</u> | | |
|-----------------------------------|--------------------|-------------------|-------------------------|
| | <u>2010</u> | <u>2009</u> | (Actual) <u>2008</u> |
| PERSONAL SERVICES | \$ 33,932,860 | \$ 31,341,000 | \$ 28,963,601 |
| SUPPLIES | 11,804,920 | 11,335,230 | 9,046,108 |
| OTHER SERVICES AND CHARGES | 57,443,555 | 56,119,930 | 48,743,435 |
| CAPITAL OUTLAYS | 978,980 | 1,929,050 | 1,285,433 |
| DEBT SERVICE AND MISCELLANEOUS | <u>88,228,400</u> | <u>93,843,670</u> | <u>74,752,759</u> |
| TOTAL | \$ 192,388,715 | \$ 194,568,880 | \$ 162,791,336 |

A comparison of the amounts budgeted for 2010 and 2009 shows that in Fiscal Year 2010, the cost of Personal Services will increase 8.3%; Supplies will increase 4.1%; Other Services and Charges will increase 2.4%; operating Capital Outlays (as distinguished from the construction of projects) will decrease 49.3%; and Debt Service and Miscellaneous will decrease 6.0%. [Appendix "A"](#) lists the expenditure classifications presently used in TRA's fiscal control system and the amounts budgeted for each during Fiscal Year 2010.

In evaluating the above stated comparisons, it should be noted that if the Recommended Operating Budget for Fiscal Year 2010 were approved, total expenditures would have decreased 1.1% from \$194,568,880 to \$192,388,715 in Fiscal Year 2010, a net decrease in expenditures of \$2,180,165. This net decrease is primarily attributable to a decrease in scheduled principal payments.

[Appendix "B"](#) indicates the increase or decrease, as applicable, projected for each of the funds. Of the thirty funds experiencing increases the most significant are:

- (1) Expenditures for the General Fund Fixed Assets Fund will increase \$143,500 (415.9%) primarily due to planned expenditures for the replacement of a portion of the parking facilities at the General Office building.
- (2) Expenditures for the Staywell Health Insurance Internal Service Fund are expected to increase \$1,071,940 (34.4%) due to anticipated increase in employee insurance claims based on the current year trend.
- (3) Expenditures for the Denton Creek Regional Wastewater System Enterprise Fund are expected to increase \$1,363,190 (25.0%) primarily due to projected increases in personal services, process chemicals, engineering, and debt service due to the expansion of the facilities.
- (4) Expenditures for the Red Oak Creek Regional Wastewater System Enterprise Fund are expected to increase \$1,049,070 (28.9%) primarily due to a projected increase for electrical power and an increase in interest payments on long-term debt for bonds issued for the expansion of the facilities.
- (5) Expenditures for the Lakeview Regional Water Supply Project Enterprise Fund are expected to increase \$59,800 (250.4%) due to planned expenditures for an engineering report updating the projected cost of constructing water treatment and transportation facilities.
- (6) Expenditures for the Navarro Mills Reservoir Enterprise Fund are expected to increase \$235,960 (65.0%) due to the projected increase in payments to the Corp of Engineers for repairs and maintenance to the reservoir facilities. Revenues for the Navarro Mills Reservoir Enterprise Fund and the Bardwell Reservoir Enterprise Fund include major increases for stimulus-funded

programs of the Corps of Engineers which are being negotiated to produce deferral or amortization over a longer term.

- (7) Expenditures for the Ellis County Regional Water Supply Project Enterprise Fund are expected to increase \$1,012,370 (4,413.1%) due to the planned initial water purchase by the Ellis County Water Control and Improvement District #1.
- (8) Expenditures for the Northeast Lakeview Wastewater Transportation Project Enterprise Fund are expected to increase \$554,510 (68.3%) primarily due to the scheduled increase in payment of principal on bonds issued for expansion of the facilities.

Nine funds are expected to experience decreases in expenditures for Fiscal Year 2010. In most cases, the decreases are attributable to decrease in interest on debt due to the retirement of principal.

- b. By expressing appropriation expenditures as percentages of the total budget, the following perspective of the three fiscal years can be gained:

| | <u>FISCAL YEAR</u> | | (Actual) |
|-----------------------------------|--------------------|--------------|--------------|
| | <u>2010</u> | <u>2009</u> | <u>2008</u> |
| PERSONAL SERVICES | 17.64 | 16.11 | 17.79 |
| SUPPLIES | 6.14 | 5.82 | 5.56 |
| OTHER SERVICES AND CHARGES | 29.85 | 28.84 | 29.94 |
| CAPITAL OUTLAYS | 0.51 | 0.99 | 0.79 |
| DEBT SERVICE AND MISCELLANEOUS | <u>45.86</u> | <u>48.24</u> | <u>45.92</u> |
| TOTAL | 100.00% | 100.00% | 100.00% |

- 6. During Fiscal Year 2010 TRA will be authorized to employ 421 employees. The total employees budgeted when compared to the Fiscal Year 2009 Budget will increase by three. Part-time employees will decrease by one and full-time employees will increase by four.

- a. Full-Time Employees

| | |
|---------------------------------------|-----|
| Fiscal Year 2010 (Budgeted) | 409 |
| Fiscal Year 2009 (Budgeted) | 405 |
| Increase (2010 Budget to 2009 Budget) | 4 |

b. Part-Time Employees

| | |
|---------------------------------------|-----|
| Fiscal Year 2010 (Budgeted) | 12 |
| Fiscal Year 2009 (Budgeted) | 13 |
| Decrease (2010 Budget to 2009 Budget) | (1) |

c. Summary

Appendix "C" contains a list of the sixteen funds employing personnel. The funds with personnel changes are:

| <u>FUND</u> | <u>NET CHANGE IN AUTHORIZED PERSONNEL FOR FY 2010</u> |
|---|---|
| Information Technology Support Services | 1 |
| Ten Mile Creek Regional Wastewater System | 3 |
| Huntsville Regional Water Supply System | <u>(1)</u> |
| TOTAL | 3 |

I. RECOMMENDATION

The General Manager recommends that the Annual Budget for Fiscal Year 2010 be adopted by the Board of Directors of the Trinity River Authority of Texas at its Regular Meeting to be held on October 28, 2009.

Respectfully submitted,



DANNY F. VANCE
General Manager

DFV/ps

Attachments - [Appendix A - Summary of Line Item Expenditures](#)
[Appendix B - Comparison of Budget Expenditures](#)
[Appendix C - Comparison of Budget Personnel by Project](#)

TRINITY RIVER AUTHORITY OF TEXAS
SUMMARY OF LINE ITEM EXPENDITURES
FISCAL YEAR 2010

| | FY 2010 Proposed Budget Amount | FY 2010 Budget % | FY 2009 Budget % | FY 2008 Budget % |
|---|--------------------------------------|------------------------|------------------------|------------------------|
| <u>PERSONAL SERVICES</u> | | | | |
| (400) Salaries - Regular | \$ 21,758,000 | 11.31 | 10.80 | 10.47 |
| (401) Salaries - Part-Time | 143,570 | 0.07 | 0.08 | 0.12 |
| (402) Payroll Taxes - FICA | 1,658,690 | 0.86 | 0.82 | 0.81 |
| (403) Emp. Ben.-Health/Life Ins. | 3,545,050 | 1.84 | 1.49 | 1.61 |
| (403) Staywell Health Admin. Cost | 4,180,980 | 2.17 | 1.60 | 1.55 |
| (404) Emp. Benefit - Pension | 2,442,870 | 1.27 | 1.21 | 1.19 |
| (405) Directors' Per Diem | 46,650 | 0.02 | 0.02 | 0.03 |
| (406) Unemployment Compensation | 48,250 | 0.03 | 0.03 | 0.03 |
| (407) Emp. Recognition Program | 54,390 | 0.03 | 0.03 | 0.03 |
| (408) Emp. Benefit - Education | 54,410 | 0.03 | 0.03 | 0.02 |
| TOTAL PERSONAL SERVICES | 33,932,860.00 | 17.64 | 16.11 | 15.85 |
| <u>SUPPLIES</u> | | | | |
| (410) Office Supplies | 151,350.00 | 0.08 | 0.09 | 0.08 |
| (411) Dues and Subscriptions | 178,320.00 | 0.09 | 0.08 | 0.08 |
| (412) Fees O/T Dues & Subscriptions | 471,990.00 | 0.25 | 0.12 | 0.14 |
| (413) Maint. & Operating Supplies | 406,960.00 | 0.21 | 0.24 | 0.24 |
| (414) Laboratory Supplies | 522,980.00 | 0.27 | 0.28 | 0.29 |
| (415) Process Chemicals/Supplies | 8,588,870.00 | 4.46 | 4.29 | 3.66 |
| (416) Fuel, Oil & Lubricants | 739,240.00 | 0.38 | 0.40 | 0.30 |
| (417) Computer/Instrument Supplies | 745,210.00 | 0.39 | 0.32 | 0.30 |
| TOTAL SUPPLIES | 11,804,920.00 | 6.14 | 5.82 | 5.09 |
| <u>OTHER SERVICES AND CHARGES</u> | | | | |
| (420) Auditing | 370,310.00 | 0.19 | 0.17 | 0.19 |
| (421) Engineering | 1,035,730.00 | 0.54 | 0.48 | 0.49 |
| (422) Legal | 330,950.00 | 0.17 | 0.14 | 0.16 |
| (423) Outside Services | 1,385,960.00 | 0.72 | 0.93 | 0.87 |
| (424) Other Professional Services | 1,007,650.00 | 0.52 | 0.56 | 0.47 |
| (425) Metered Water/Sewage Services | 3,365,860.00 | 1.75 | 1.49 | 1.60 |
| (426) Public Information | 65,800.00 | 0.03 | 0.03 | 0.04 |
| (427) Information Technology Support Services | 1,301,880.00 | 0.68 | 0.93 | 0.94 |
| (430) Telephone/Telemetry | 451,410.00 | 0.23 | 0.24 | 0.24 |
| (431) Postage | 52,620.00 | 0.03 | 0.03 | 0.04 |
| (432) Printing and Binding | 40,210.00 | 0.02 | 0.02 | 0.03 |
| (433) Insurance Payments | 653,150.00 | 0.34 | 0.33 | 0.31 |

(Continued on next page.)

| | FY 2010 Proposed Budget Amount | FY 2010 Budget % | FY 2009 Budget % | FY 2008 Budget % |
|---|--------------------------------------|------------------------|------------------------|------------------------|
| <u>OTHER SERVICES AND CHARGES (Cont.)</u> | | | | |
| (433) Risk Retention Admin. Cost | \$ 613,010 | 0.32 | 0.30 | 0.02 |
| (434) Risk Retention Claim Payments | 20,000 | 0.01 | 0.01 | 0.28 |
| (435) Director's Travel | 58,000 | 0.03 | 0.03 | 0.03 |
| (436) Travel | 184,300 | 0.10 | 0.09 | 0.09 |
| (437) Laundry/Uniforms/Ind. Equip. | 121,380 | 0.06 | 0.06 | 0.07 |
| (438) Training | 241,465 | 0.13 | 0.17 | 0.15 |
| (439) Auto Allowance | 48,600 | 0.03 | 0.02 | 0.02 |
| (440) Utilities | 358,490 | 0.19 | 0.15 | 0.16 |
| (441) Water | 12,873,440 | 6.69 | 5.95 | 6.84 |
| (442) Power | 13,733,710 | 7.14 | 7.57 | 8.44 |
| (443) Rep. & Maint.-Imp. O/T Bldgs. | 1,066,660 | 0.55 | 0.68 | 0.67 |
| (444) Rep. & Maint.-Equip. | 504,690 | 0.26 | 0.24 | 0.28 |
| (445) Rep. & Maint.-Plants & Bldgs. | 4,056,530 | 2.11 | 1.56 | 1.58 |
| (446) Rep. & Maint.-Vehicles | 88,600 | 0.05 | 0.05 | 0.04 |
| (448) Rep. & Maint.-Electric | 1,133,580 | 0.59 | 0.59 | 0.55 |
| (449) Off-site Sludge Disposal | 5,399,470 | 2.81 | 2.59 | 2.43 |
| (450) Rent - Building | 39,880 | 0.02 | 0.02 | 0.02 |
| (451) Rent - Mach. & Equip. | 250,110 | 0.13 | 0.12 | 0.13 |
| (452) Rent - Other Property | 16,960 | 0.01 | 0.01 | 0.01 |
| (464) Inter - Fund Services and Charges | 888,450 | 0.46 | 0.41 | 0.45 |
| (465) Operating Overhead | 479,010 | 0.25 | 0.28 | 0.24 |
| (466) Administrative Overhead | 5,205,690 | 2.71 | 2.57 | 2.71 |
| TOTAL OTHER SERVICES AND CHARGES | 57,443,555 | 29.86 | 28.84 | 30.59 |
| <u>CAPITAL OUTLAYS</u> | | | | |
| (472) Plant and Buildings | 15,000 | 0.01 | 0.00 | 0.00 |
| (474) Imp. O/T Buildings | 155,650 | 0.08 | 0.00 | 0.00 |
| (476) Machinery and Equipment | 808,330 | 0.42 | 0.99 | 0.77 |
| TOTAL CAPITAL OUTLAYS | 978,980 | 0.51 | 0.99 | 0.77 |
| <u>DEBT SERVICE AND MISCELLANEOUS</u> | | | | |
| (480) Bond Principal Payments | 40,751,000 | 21.18 | 26.42 | 26.63 |
| (481) Interest on L/T Debt | 42,331,960 | 22.00 | 19.30 | 18.65 |
| (483) Paying Agent Fees | 22,740 | 0.01 | 0.01 | 0.01 |
| (484) Contract Principal Payment | 333,250 | 0.17 | 0.21 | 0.22 |
| (485) Interest on Contract Liability | 3,919,400 | 2.04 | 1.93 | 2.07 |
| (486) SEC Disclosure Fees | 95,300 | 0.05 | 0.06 | 0.05 |
| (494) Transfer to Other Funds | 774,750 | 0.40 | 0.31 | 0.25 |
| TOTAL DEBT SERVICE AND MISCELLANEOUS | 88,228,400 | 45.86 | 48.24 | 47.88 |
| GRAND TOTAL | <u>\$ 192,388,715</u> | <u>100.00</u> | <u>100.00</u> | <u>100.00</u> |

TRINITY RIVER AUTHORITY OF TEXAS
COMPARISON OF BUDGET EXPENDITURES
FISCAL YEAR 2010 TO 2009

APPENDIX B

| <u>FUND</u> | <u>PROPOSED 2010 BUDGET</u> | <u>CURRENT 2009 BUDGET</u> | <u>INCREASE/ (DECREASE)</u> | <u>PERCENT</u> |
|--|---------------------------------|--------------------------------|---------------------------------|----------------|
| General Fund-General Government and Administration | \$ 7,299,200 | \$ 7,111,210 | \$ 187,990 | 2.6 |
| General Fund-Fixed Assets and Emergency Fund | 178,000 | 34,500 | 143,500 | 415.9 |
| Debt Service Fund | 282,890 | 278,470 | 4,420 | N/A |
| Water Sales Special Revenue Fund | 1,533,120 | 1,519,140 | 13,980 | 0.9 |
| Information Technology Support Services Internal Service Fund | 1,555,250 | 1,898,340 | (343,090) | (18.1) |
| Construction Services Staff Internal Service Fund | 4,099,910 | 3,974,860 | 125,050 | 3.1 |
| Southern Region Support Services Internal Service Fund | 514,120 | 542,440 | (28,320) | (5.2) |
| Staywell Health Insurance Internal Service Fund | 4,188,910 | 3,116,970 | 1,071,940 | 34.4 |
| Risk Retention Insurance Internal Service Fund | 1,287,295 | 1,292,400 | (5,105) | (0.4) |
| Central Regional Wastewater System Enterprise Fund | 82,258,730 | 80,749,390 | 1,509,340 | 1.9 |
| Denton Creek Regional Wastewater System Enterprise Fund | 6,808,930 | 5,445,740 | 1,363,190 | 25.0 |
| Ten Mile Creek Regional Wastewater System Enterprise Fund | 11,947,720 | 12,743,650 | (795,930) | (6.2) |
| Red Oak Creek Regional Wastewater System Enterprise Fund | 4,675,790 | 3,626,720 | 1,049,070 | 28.9 |
| Mountain Creek Regional W/W Enterprise Fund | 1,168,360 | 1,103,880 | 64,480 | 5.8 |
| Tarrant County Water Supply Project Enterprise Fund | 29,334,260 | 28,273,980 | 1,060,280 | 3.8 |
| Huntsville Regional Water Supply System Enterprise Fund | 4,931,660 | 4,807,350 | 124,310 | 2.6 |
| Livingston Regional Water Supply System Enterprise Fund | 1,135,730 | 1,128,210 | 7,520 | 0.7 |

| <u>FUND</u> | <u>PROPOSED 2010 BUDGET</u> | <u>PROPOSED 2009 BUDGET</u> | <u>INCREASE/ (DECREASE)</u> | <u>PERCENT</u> |
|---|---------------------------------|---------------------------------|---------------------------------|----------------|
| Trinity County Regional Water Supply System Enterprise Fund | \$ 981,100 | \$ 1,022,630 | \$ (41,530) | (4.1) |
| Livingston - Wallisville Project Enterprise Fund | 4,280,800 | 4,075,370 | 205,430 | 5.0 |
| Livingston Recreation Facilities Enterprise Fund | 797,200 | 703,630 | 93,570 | 13.3 |
| Walker-Calloway Branches Enterprise Fund | 3,388,210 | 2,916,210 | 472,000 | 16.2 |
| Lakeview Regional Water Supply Project Enterprise Fund | 83,680 | 23,880 | 59,800 | 250.4 |
| Summit Regional Water Storage Project Enterprise Fund | 31,960 | 35,950 | (3,990) | (11.1) |
| Navarro Mills Reservoir Enterprise Fund | 598,850 | 362,890 | 235,960 | 65.0 |
| Bardwell Reservoir Enterprise Fund | 866,500 | 789,970 | 76,530 | 9.7 |
| Joe Pool Lake Enterprise Fund | 3,775,980 | 3,510,880 | 265,100 | 7.6 |
| Ellis County Regional Water Supply Project Enterprise Fund | 1,035,310 | 22,940 | 1,012,370 | 4,413.1 |
| Freestone Raw Water Supply Project Enterprise Fund | 1,601,520 | 1,537,490 | 64,030 | 4.2 |
| Ennis Raw Water Supply Project Enterprise Fund | 4,550 | 4,550 | - | - |
| Midlothian Raw Water Supply Project Enterprise Fund | 5,500 | 5,500 | - | - |
| Huntsville Wastewater Treatment Facilities Enterprise Fund | 401,970 | 396,180 | 5,790 | 1.5 |
| Big Bear Creek Interceptor System Enterprise Fund | 1,097,620 | 1,094,250 | 3,370 | 0.3 |

| <u>FUND</u> | <u>PROPOSED 2010 BUDGET</u> | <u>PROPOSED 2009 BUDGET</u> | <u>INCREASE/ (DECREASE)</u> | <u>PERCENT</u> |
|--|---------------------------------|---------------------------------|---------------------------------|----------------|
| Southlake Sewer System Project Enterprise Fund | \$ 127,580 | \$ 125,200 | \$ 2,380 | 1.9 |
| Lancaster Water and Sewer System Project Enterprise Fund | 236,920 | 232,070 | 4,850 | 2.1 |
| Denton Creek Wastewater Interceptor System Enterprise Fund | 521,600 | 521,680 | (80) | (0.0) |
| Denton Creek Wastewater Pressure Interceptor System Enterprise Fund | 543,040 | 541,310 | 1,730 | 0.3 |
| Cade Branch Wastewater Interceptor System Enterprise Fund | 198,630 | 198,780 | (150) | (0.1) |
| Denton Creek Wastewater Int. System (Fort Worth Project) Enterprise Fund | 178,260 | 176,990 | 1,270 | 0.7 |
| Northeast Lakeview Wastewater Transportation Enterprise Fund | 1,366,580 | 812,070 | 554,510 | 68.3 |
| City of Fort Worth Sendera Ranch Project Enterprise Fund | 807,460 | 805,150 | 2,310 | 0.3 |
| Pollution Control Facilities Enterprise Fund | <u>6,258,020</u> | <u>17,006,060</u> | <u>(10,748,040)</u> | (63.2) |
| GRAND TOTAL | <u>\$ 192,388,715</u> | <u>\$ 194,568,880</u> | <u>\$ (2,180,165)</u> | (1.1) |

TRINITY RIVER AUTHORITY OF TEXAS
COMPARISON OF BUDGET
PERSONNEL BY PROJECT
FISCAL YEARS 2010, 2009 AND 2008

| <u>FUND</u> | <u>2010 BUDGETED</u> | <u>2009 BUDGETED</u> | <u>2008 BUDGETED</u> |
|--|--------------------------|--------------------------|--------------------------|
| <u>General Fund</u> | | | |
| Full-Time | 57 | 57 | 55 |
| Part-Time | <u>1</u> | <u>1</u> | <u>2</u> |
| TOTAL | 58 | 58 | 57 |
| <u>Water Sales Special Revenue Fund</u> | | | |
| Full-Time | 2 | 2 | 2 |
| <u>Information Technology Support Services</u> | | | |
| Full-Time | 6 | 5 | 3 |
| <u>Construction Services Staff</u> | | | |
| Full-Time | 37 | 37 | 37 |
| <u>Southern Region Support Services</u> | | | |
| Full-Time | 5 | 5 | 5 |
| <u>Central Regional Wastewater System</u> | | | |
| Full-Time | 174 | 174 | 172 |
| Part-Time | <u>1</u> | <u>1</u> | <u>1</u> |
| | 175 | 175 | 173 |
| <u>Ten Mile Creek Regional Wastewater System</u> | | | |
| Full-Time | 24 | 21 | 21 |
| <u>Denton Creek Regional Wastewater System</u> | | | |
| Full-Time | 14 | 14 | 11 |
| <u>Red Oak Creek Regional Wastewater System</u> | | | |
| Full-Time | 9 | 9 | 8 |

| <u>FUND</u> | <u>2010 BUDGETED</u> | <u>2009 BUDGETED</u> | <u>2008 BUDGETED</u> |
|--|--------------------------|--------------------------|--------------------------|
| <u>Mountain Creek Regional Wastewater System</u> | | | |
| Full-Time | 6 | 6 | 6 |
| Part-Time | <u>1</u> | <u>1</u> | <u>1</u> |
| | 7 | 7 | 7 |
| <u>Tarrant County Water Supply Project</u> | | | |
| Full-Time | 27 | 27 | 27 |
| <u>Huntsville Regional Water Supply System</u> | | | |
| Full-Time | 7 | 7 | 7 |
| Part-Time | <u>0</u> | <u>1</u> | <u>1</u> |
| TOTAL | 7 | 8 | 8 |
| <u>Livingston Regional Water Supply System</u> | | | |
| Full-Time | 5 | 5 | 4 |
| Part-Time | <u>0</u> | <u>0</u> | <u>1</u> |
| TOTAL | 5 | 5 | 5 |
| <u>Trinity County Water Supply System</u> | | | |
| Full-Time | 4 | 4 | 4 |
| <u>Livingston - Wallisville Projects</u> | | | |
| Full-Time | 27 | 27 | 27 |
| Part-Time | <u>4</u> | <u>4</u> | <u>4</u> |
| TOTAL | 31 | 31 | 31 |
| <u>Livingston Recreation Facilities</u> | | | |
| Full-Time | 5 | 5 | 5 |
| Part-Time | <u>5</u> | <u>5</u> | <u>5</u> |
| TOTAL | 10 | 10 | 10 |
| Total TRA Full-Time | 409 | 405 | 394 |
| Total TRA Part-Time | <u>12</u> | <u>13</u> | <u>15</u> |
| GRAND TOTAL | <u><u>421</u></u> | <u><u>418</u></u> | <u><u>409</u></u> |